

# ThinkCentre M72e Tiny, Small, Tower



Lenovo ThinkCentre M72e Tiny with Optional Serial Port



Lenovo ThinkCentre M72e Tiny, Small, and Tower with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M72e Small



Lenovo ThinkCentre M72e Tiny with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M72e Tower



Lenovo ThinkCentre M72e Tiny with External Optical Box

# ThinkCentre M72e Tiny (4156)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>a</sup>	SATA disk GB rpm	External optical	Graphics	Display-Port dongle	Optional port	Chassis intr switch	Floor stand	VESA mount	ENERGY STAR 5.2 Global	Win7 preload (mm/dd/yy)	Ann date (mm/dd/yy)
4156-A2G	G630T	4GBx1 1600MHz	500G 5400	None	Intel HD	None	None	None	Stand	Mount	ES52	None	Pro 64 06/05/12

● 1-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										
Processor	<b>Intel® Pentium® G630T Processor (2 cores / 2 threads, 2.3GHz, 3MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller</b>										
Implementation	Processor in LGA1155 socket										
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1066MHz memory controller</i>										
Graphics	<b>Intel HD Graphics</b> in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution vary by processor (i5 CPU supports max: 2560x2048)</i>										
DP dongle	None										
Disk	SATA 3.0Gb/s, 2.5" Wide, 5400 rpm										
External optical	None										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar										
eSATA port	None										
Chipset	<b>Intel H61 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	None										
Bluetooth	None										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
Speaker	Internal speaker for business audio										
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	System floor stand for vertical orientation										
VESA mount	Supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU										
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 7.1" W X 7.2" D X 1.4" H</li> <li>● 179mm W X 182mm D X 34.5mm H</li> <li>● 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)</li> </ul>										
	<b>Preloaded operating system</b> Genuine Windows® 7 Professional 64  <b>Ready to install applications</b> (only some listed) <ul style="list-style-type: none"> <li>● Rescue and Recovery™</li> <li>● Password Manager</li> </ul> <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>● ThinkVantage® Product Recovery</li> <li>● ThinkVantage System Update</li> <li>● ThinkVantage Power Manager</li> <li>● ThinkVantage Communication Utility</li> <li>● View Management Utility</li> <li>● Lenovo Solution Center</li> <li>● Lenovo Message Center Plus</li> <li>● Lenovo SimpleTap</li> <li>● Norton™ Internet Security (30 days of virus definitions)</li> <li>● Adobe® Reader®</li> <li>● Skype™ for Windows</li> <li>● Windows Live™ Essentials</li> <li>● Microsoft® Office preloaded; purchase a product key to activate</li> <li>● Corel® Burn.Now™ (DVD±RW)</li> <li>● Corel DVD MovieFactory® (DVD±RW)</li> </ul>										
	<b>Security</b> <ul style="list-style-type: none"> <li>● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)</li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Individual USB port disablement</li> <li>● Chassis intrusion switch on selected model(s)</li> </ul>										
	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
Limited Warranty	<b>1-year, customer carry-in service</b> / service upgrades available										
	Supports ThinkVantage Technologies										

See footnotes for important warranty information  
WE model announced June 5, 2012

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(G-MOSI1-1) May 2014

# ThinkCentre M72e Tiny (3261)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>a</sup>	SATA disk GB rpm	External optical	Graphics	Display-Port dongle	Optional port	Chassis intr switch	Floor stand	VESA mount	ENERGY STAR 5.2 Global	Win7 preload (mm/dd/yy)	Ann date (mm/dd/yy)		
3261-C7G	G630T	4GBx1	1600MHz	320G 7200	DVD±RW	Intel HD	None	USB	Switch	None	Mount	ES52	None	Pro 64	07/10/12

● 1-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										<b>Preloaded operating system</b>		
Processor	Intel® Pentium® G630T Processor (2 cores / 2 threads, 2.3GHz, 3MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller										Genuine Windows® 7 Professional 64		
Implementation	Processor in LGA1155 socket										<b>Ready to install applications</b> (only some listed)		
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1066MHz memory controller</i>										<ul style="list-style-type: none"> <li>● Rescue and Recovery™</li> <li>● Password Manager</li> </ul>		
Graphics	Intel HD Graphics in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution vary by processor (i5 CPU supports max: 2560x2048)</i>										<b>Preloaded applications</b> (only some listed)		
DP dongle	None										<ul style="list-style-type: none"> <li>● ThinkVantage® Product Recovery</li> <li>● ThinkVantage System Update</li> <li>● ThinkVantage Power Manager</li> <li>● ThinkVantage Communication Utility</li> <li>● View Management Utility</li> <li>● Lenovo Solution Center</li> <li>● Lenovo Message Center Plus</li> <li>● Lenovo SimpleTap</li> <li>● Norton™ Internet Security (30 days of virus definitions)</li> <li>● Adobe® Reader®</li> <li>● Skype™ for Windows</li> <li>● Windows Live™ Essentials</li> <li>● Microsoft® Office preloaded; purchase a product key to activate</li> <li>● Corel® Burn.Now™ (DVD±RW)</li> <li>● Corel DVD MovieFactory® (DVD±RW)</li> </ul>		
Disk	SATA 3.0Gb/s, 2.5" Wide, 7200 rpm												
External optical	Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in												
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset												
Onboard SATA	One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar												
eSATA port	None												
Chipset	<b>Intel H61 Express Chipset</b>												
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)												
Rear ports	Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)												
PCIe Mini Card	One PCI Express® Mini Card slot												
PCIe WLAN	None												
Bluetooth	None												
Audio	High Definition (HD) Audio, Realtek® ALC662 codec												
Speaker	Internal speaker for business audio												
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®												
Intel AMT	None												
Modem	None												
Security chip	None												
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Floor Stand	None												
VESA mount	Supports VESA 75mm and 100mm mount standard												
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU												
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 7.1" W X 7.2" D X 1.4" H</li> <li>● 179mm W X 182mm D X 34.5mm H</li> <li>● 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)</li> </ul>												
Limited Warranty	1-year, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										<b>Security</b> <ul style="list-style-type: none"> <li>● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)</li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Individual USB port disablement</li> <li>● Chassis intrusion switch on selected model(s)</li> </ul>		
											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant		
											Supports ThinkVantage Technologies		

See footnotes for important warranty information  
WE model announced July 10, 2012  
WE models withdrawn effective May 2014

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(G-MOS11-11) May 2014

# ThinkCentre M72e Tiny (4004) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>a</sup>	SATA disk GB rpm	External optical	Graphics	Display-Port dongle	PCle Mini Card WLAN / BT	Optional port	Chassis Intrusion switch	Floor stand	VESA mount	ENERGY STAR 5.2 Global	Win7 preload	Ann date (mm/dd/yy)
4004-C5G	G640T	2GBx1	320G 5400	None	Intel HD	None	Intel 2230 + BT	None	Switch	Stand	Mount	ES52	None	Pro 64 06/19/12
4004-C9G	G640T	4GBx1	320G 7200	None	Intel HD	None	None	USB	Switch	Stand	Mount	ES52	None	Pro 64 06/19/12

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>											<b>Preloaded operating system</b>		
Processor	Intel® Pentium® G640T Processor (2 cores / 2 threads, 2.4GHz, 3MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller											Genuine Windows® 7 Professional 64		
Implementation	Processor in LGA1155 socket											<b>Ready to install applications</b> (only some listed)		
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook), System automatically clocks down for processors with 1066MHz DDR3 memory controller											<ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul>		
Graphics	Intel HD Graphics in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution vary by processor (i5 CPU supports max: 2560x2048)											<b>Preloaded applications</b> (only some listed)		
DP dongle	None											<ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• View Management Utility</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Skype™ for Windows</li> <li>• Windows Live™ Essentials</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul>		
Disk	SATA 3.0Gb/s, 2.5" Wide													
External optical	None													
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset													
Onboard SATA	One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar													
eSATA port	None													
Chipset	<b>Intel H61 Express Chipset</b>													
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)													
PCle Mini Card	One PCI Express® Mini Card slot													
PCle WLAN	Some: 11b/g/n wireless, PCle Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2													
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio													
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®													
Intel AMT	None													
Modem	None													
Security chip	None													
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Floor Stand	System floor stand for vertical orientation													
VESA mount	Supports VESA 75mm and 100mm mount standard													
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU													
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 7.1" W X 7.2" D X 1.4" H</li> <li>• 179mm W X 182mm D X 34.5mm H</li> <li>• 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)</li> </ul>											<b>Security</b> <ul style="list-style-type: none"> <li>• Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)</li> <li>• Power-on password</li> <li>• Administrator password</li> <li>• Hard disk password</li> <li>• Boot sequence control</li> <li>• Boot without keyboard and mouse</li> <li>• Individual USB port disablement</li> <li>• Chassis intrusion switch on selected model(s)</li> </ul>		
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant		
												Supports ThinkVantage Technologies		

See footnotes for important warranty information  
 WE models announced June 19, 2012  
 WE models withdrawn effective May 2014

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 (G-MOSI1-6) May 2014

# ThinkCentre M72e Tiny (4004) - TopSeller (Win 8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>8</sup>	SATA disk GB rpm	External optical	Display-Port dongle	PCIe Mini Card WLAN / BT	Optional port	Chassis Intrusion switch	Security Cable	Floor stand	VESA mount	ENERGY STAR 5.2 Global Preload	Ann date (mm/dd/yy)
4004-F7G	G645T	4GBx1	320G 7200	None	None	Intel 2230 + BT	None	Switch	None	None	Mount	ES52	None Win8 Pro64 10/23/12
4004-F8G	G645T	4GBx1	320G 7200	DVD±RW	None	Intel 2230 + BT	None	Switch	None	None	Mount	ES52	None Win8 Pro64 10/23/12
4004-F9G	G645T	4GBx1	320G 7200	DVD±RW	None	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None Win7 Pro64 10/23/12
4004-G1G	G645T	4GBx1	320G 7200	None	None	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None Win7 Pro64 10/23/12
4004-H8G	G645T	4GBx1	320G 7200	None	None	Intel 2230 + BT	None	Switch	Cable	Stand	None	ES52	None Win7 Pro64 12/11/12
4004-H9G	G645T	4GBx1	320G 7200	None	None	Intel 2230 + BT	None	Switch	Cable	Stand	None	ES52	None Win8 Pro64 12/11/12
4004-K5G	G2020T	4GBx1	320G 7200	None	None	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None Win7 Pro64 03/05/13
4004-K6G	G2020T	4GBx1	320G 7200	None	None	Intel 2230 + BT	None	Switch	Cable	Stand	None	ES52	None Win7 Pro64 03/05/13
4004-K7G	G2020T	4GBx1	320G 7200	DVD±RW	None	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None Win7 Pro64 03/05/13
4004-K9G	i3-3220T	4GBx1	500G 7200	None	None	Intel 2230 + BT	None	Switch	Cable	Stand	None	ES52	None Win7 Pro64 03/05/13
4004-L1G	G2020T	4GBx1	500G 7200	None	None	Intel 2230 + BT	None	Switch	Cable	Stand	None	ES52	None Win7 Pro64 03/05/13
4004-L3G	i3-3220T	4GBx1	500G 7200	DVD±RW	None	Intel 2230 + BT	None	Switch	Cable	Stand	Mount	ES52	None Win7 Pro64 03/26/13
4004-LMG	G2030T	4GBx1	320G 7200	DVD±RW	None	Intel 2230 + BT	None	Switch	None	None	Mount	ES52	None Win7 Pro64 06/11/13
4004-LNG	G2030T	4GBx1	320G 7200	None	None	Intel 2230 + BT	None	Switch	None	Stand	None	ES52	None Win7 Pro64 06/11/13
4004-LPG	G2030T	4GBx1	320G 7200	None	None	Intel 2230 + BT	None	Switch	None	None	Mount	ES52	None Win7 Pro64 06/11/13
4004-LQG	G2030T	4GBx1	500G 7200	None	None	Intel 2230 + BT	None	Switch	None	Stand	None	ES52	None Win7 Pro64 06/11/13
4004-LRG	i3-3240T	4GBx1	500G 7200	None	None	Intel 2230 + BT	None	Switch	None	Stand	None	ES52	None Win7 Pro64 06/11/13
4004-LSG	i3-3240T	4GBx1	500G 7200	DVD±RW	None	Intel 2230 + BT	None	Switch	None	None	Mount	ES52	None Win7 Pro64 06/11/13

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>	<b>Preloaded operating system</b> <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 8 Pro 64-bit <b>Preloaded applications (only some listed)</b> <b>- Windows 7 models</b> <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• Lenovo® Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Adobe® Reader®</li> <li>• Windows Live™ Essentials</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul> <b>- Windows 8 models</b> <ul style="list-style-type: none"> <li>• Lenovo Support</li> <li>• Lenovo Companion</li> <li>• Lenovo Cloud Storage</li> <li>• Norton™ Studio</li> <li>• AccuWeather</li> <li>• Evernote®</li> <li>• Cyberlink Power2Go (DVD±RW)</li> <li>• Cyberlink PowerProducer (DVD±RW)</li> </ul> <b>- All models</b> <ul style="list-style-type: none"> <li>• ThinkVantage System Update</li> <li>• Lenovo Solution Center</li> <li>• View Management Utility</li> <li>• Norton Internet Security (30 days of virus definitions)</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Skype™</li> </ul>
Processor	<b>Intel® Pentium® G645T Processor (2 cores / 2 threads, 2.5GHz, 3MB cache)</b> , integrated Intel HD Graphics, 1066MHz dual-channel DDR3 memory controller <b>Intel Pentium G2020T Processor (2 cores / 2 threads, 2.5GHz, 3MB cache)</b> , integrated Intel HD Graphics, 1333MHz dual-channel DDR3 memory controller <b>Intel Pentium G2030T Processor (2 cores / 2 threads, 2.6GHz, 3MB cache)</b> , integrated Intel HD Graphics, 1333MHz dual-channel DDR3 memory controller <b>Intel Core™ i3-3220T Processor (2 cores / 4 threads, 2.8GHz, 3MB cache)</b> , integrated Intel HD Graphics 2500, 1600MHz dual-channel DDR3 memory controller <b>Intel Core™ i3-3240T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache)</b> , integrated Intel HD Graphics 2500, 1600MHz dual-channel DDR3 memory controller	
Implementation	Processor in LGA1155 socket	
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1066MHz or 1333MHz DDR3 memory controller</i>	
Graphics	<b>Intel HD Graphics</b> or <b>Intel HD Graphics 2500</b> in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution vary by processor (i5 CPU supports max: 2560x2048)</i>	
DP dongle	None	
Disk	SATA 3.0Gb/s, 2.5" Wide	
External optical	<i>Some:</i> Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset	
Onboard SATA	One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar	
eSATA port	None	
Chipset	<b>Intel H61 Express Chipset</b>	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Bluetooth	High Definition (HD) Audio, Realtek® ALC662 codec	
Audio	Internal speaker for business audio	
Speaker	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®	
Ethernet	None	
Intel AMT	None	
Modem	None	
Security chip	None	
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	<i>Some:</i> System floor stand for vertical orientation	
VESA mount	<i>Some:</i> Supports VESA 75mm and 100mm mount standard	
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU	
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 7.1" W X 7.2" D X 1.4" H</li> <li>• 179mm W X 182mm D X 34.5mm H</li> <li>• 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)</li> </ul>	
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available	

See footnotes for important warranty information

WE models announced Oct 23 or Dec 11, 2012 or Mar 5, Mar 26, or June 11, 2013

WE models withdrawn effective May 2014

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(G-MOSI1-16) May 2014

# ThinkCentre M72e Tiny (3264)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>a</sup>	SATA disk GB rpm	External optical	Graphics	Display-Port dongle	Optional port	Chassis intr switch	Floor stand	VESA mount	ENERGY STAR 5.2 Global	Win7 preload	Ann date (mm/dd/yy)
3264-H5G	G630T	4GBx1 1600MHz	500G 5400	None	Intel HD	None	None	Switch	Stand	Mount	ES52	None	Pro 64 06/05/12
3264-S9G	G645T	4GBx1 1600MHz	320G 7200	None	Intel HD	None	USB	Switch	None	Mount	ES52	None	Pro 64 09/11/12

•3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										
Processor	<b>Intel® Pentium® G630T Processor (2 cores / 2 threads, 2.3GHz, 3MB cache),</b> integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller <b>Intel Pentium G645T Processor (2 cores / 2 threads, 2.5GHz, 3MB cache),</b> integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket										
Implementation											
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1066MHz memory controller</i>										
Graphics	<b>Intel HD Graphics</b> in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution vary by processor (i5 CPU supports max: 2560x2048)</i>										
DP dongle	None										
Disk	SATA 3.0Gb/s, 2.5" Wide										
External optical	None										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar										
eSATA port	None										
Chipset	<b>Intel H61 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	None										
Bluetooth	None										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
Speaker	Internal speaker for business audio										
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	<i>Some:</i> System floor stand for vertical orientation										
VESA mount	Supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU										
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 7.1" W X 7.2" D X 1.4" H</li> <li>• 179mm W X 182mm D X 34.5mm H</li> <li>• 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)</li> </ul>										
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										
	<b>Preloaded operating system</b> Genuine Windows® 7 Professional 64  <b>Ready to install applications</b> (only some listed) <ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul> <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• View Management Utility</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Skype™ for Windows</li> <li>• Windows Live™ Essentials</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul>										
	<b>Security</b> <ul style="list-style-type: none"> <li>• Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)</li> <li>• Power-on password</li> <li>• Administrator password</li> <li>• Hard disk password</li> <li>• Boot sequence control</li> <li>• Boot without keyboard and mouse</li> <li>• Individual USB port disablement</li> <li>• Chassis intrusion switch on selected model(s)</li> </ul>										
	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
	Supports ThinkVantage Technologies										

See footnotes for important warranty information  
 WE models announced June 5 or September 11, 2012  
 WE models withdrawn effective May 2014

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 (G-MOSI1-2) May 2014

# ThinkCentre M72e Tiny (3264) - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>8</sup>	SATA disk GB rpm	External optical	Graphics	Display-Port dongle	Optional port	Chassis intr switch	Floor stand	VESA mount	ENERGY STAR 5.2 Global	Win7 preload (mm/dd/yy)	Ann date (mm/dd/yy)
3264-S8G	i3-3220T	4GBx1	320G 7200	DVD±RW	HD 2500	None	USB	Switch	None	Mount	ES52 None	Pro 64	09/11/12

●3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										<b>Preloaded operating system</b>		
Processor	Intel® Core™ i3-3220T Processor (2 cores / 4 threads, 2.8GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller										Genuine Windows® 7 Professional 64		
Implementation	Processor in LGA1155 socket										<b>Ready to install applications</b> (only some listed)		
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook)										<ul style="list-style-type: none"> <li>● Rescue and Recovery™</li> <li>● Password Manager</li> </ul>		
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution vary by processor (i5 CPU supports max: 2560x2048)</i>										<b>Preloaded applications</b> (only some listed)		
DP dongle	None										<ul style="list-style-type: none"> <li>● ThinkVantage® Product Recovery</li> <li>● ThinkVantage System Update</li> <li>● ThinkVantage Power Manager</li> <li>● ThinkVantage Communication Utility</li> <li>● View Management Utility</li> <li>● Lenovo Solution Center</li> <li>● Lenovo Message Center Plus</li> <li>● Lenovo SimpleTap</li> <li>● Norton™ Internet Security (30 days of virus definitions)</li> <li>● Adobe® Reader®</li> <li>● Skype™ for Windows</li> <li>● Windows Live™ Essentials</li> <li>● Microsoft® Office preloaded; purchase a product key to activate</li> <li>● Corel® Burn.Now™ (DVD±RW)</li> <li>● Corel DVD MovieFactory® (DVD±RW)</li> </ul>		
Disk	SATA 3.0Gb/s, 2.5" Wide												
External optical	Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in												
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset												
Onboard SATA	One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar												
eSATA port	None												
Chipset	<b>Intel H61 Express Chipset</b>												
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)												
Rear ports	Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)												
PCIe Mini Card	One PCI Express® Mini Card slot												
PCIe WLAN	None												
Bluetooth	None												
Audio	High Definition (HD) Audio, Realtek® ALC662 codec												
Speaker	Internal speaker for business audio												
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®												
Intel AMT	None												
Modem	None												
Security chip	None												
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Floor Stand	None												
VESA mount	Supports VESA 75mm and 100mm mount standard												
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU												
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 7.1" W X 7.2" D X 1.4" H</li> <li>● 179mm W X 182mm D X 34.5mm H</li> <li>● 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)</li> </ul>												
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										<b>Security</b> <ul style="list-style-type: none"> <li>● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)</li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Individual USB port disablement</li> <li>● Chassis intrusion switch on selected model(s)</li> </ul>		
											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant		
											Supports ThinkVantage Technologies		

See footnotes for important warranty information  
 WE model announced September 11, 2012  
 WE models withdrawn effective May 2014

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 (G-MOS11-15) May 2014

# ThinkCentre M72e Tiny (3267) - GMP

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>a</sup>	SATA disk GB rpm	External optical	Graphics	Display- Port dongle	Optional port	Floor stand	VESA mount	ENERGY STAR 5.2	Global (G) GMP (P)	Win7 preload	Ann date (mm/dd/yy)
3267-A1G	i5-3470T	4GBx1 1600MHz	320G 5400	DVD±RW	HD 2500	None	None	None	Mount	ES52	G P	Pro 64	06/05/12

•Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										
Processor	<b>Intel® Core™ i5-3470T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket</b>										
Implementation	Processor in LGA1155 socket										
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook)										
Graphics	<b>Intel HD Graphics 2500</b> in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution vary by processor (i5 CPU supports max: 2560x2048)</i>										
DP dongle	None										
Disk	SATA 3.0Gb/s, 2.5" Wide, 5400 rpm										
External optical	Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar										
eSATA port	None										
Chipset	<b>Intel H61 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	None										
Bluetooth	None										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
Speaker	Internal speaker for business audio										
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	None										
VESA mount	Supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU										
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 7.1" W X 7.2" D X 1.4" H</li> <li>• 179mm W X 182mm D X 34.5mm H</li> <li>• 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)</li> </ul>										
	<b>Preloaded operating system</b> Genuine Windows® 7 Professional 64  <b>Ready to install applications</b> (only some listed) <ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul> <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• View Management Utility</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Skype™ for Windows</li> <li>• Windows Live™ Essentials</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul>										
	<b>Security</b> <ul style="list-style-type: none"> <li>• Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)</li> <li>• Power-on password</li> <li>• Administrator password</li> <li>• Hard disk password</li> <li>• Boot sequence control</li> <li>• Boot without keyboard and mouse</li> <li>• Individual USB port disablement</li> </ul> EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										
	Supports ThinkVantage Technologies										

See footnotes for important warranty information  
 WE model announced June 5, 2012  
 WE models withdrawn effective May 2014

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 (G-MOS11-3) May 2014



# ThinkCentre M72e Tiny (3267) - GMP (Thin Client)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>a</sup>	SATA disk GB rpm	External optical	Graphics	Display-Port dongle	PCIe Mini Card WLAN / BT	Optional port	Floor stand	VESA mount	ENERGY STAR 5.2	Global (G) GMP (P)	Win7 preload	Ann date (mm/dd/yy)
3267-A2G	G460	2GBx1	8G SSD	None	Intel HD	None	None	Serial	None	None	ES52	G P	Emb 32	07/10/12
3267-A5G	G465	2GBx1	8G SSD	None	Intel HD	None	None	Serial	None	None	ES52	G P	Emb 32	01/08/13
3267-A6G	G465	2GBx1	8G SSD	None	Intel HD	None	Intel 105	Serial	None	None	ES52	G P	Emb 32	03/12/13
3267-A7G	G470	2GBx1	8G SSD	None	Intel HD	None	Intel 105	Serial	None	None	ES52	G P	Emb 32	07/09/13
3267-A8G	G470	2GBx1	8G SSD	None	Intel HD	None	None	Serial	None	None	ES52	G P	Emb 32	07/09/13

● Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											<b>Preloaded operating system</b>	
Processor	<b>Intel® Celeron® G460 Processor (1 core / 2 threads, 1.8GHz, 1.5MB cache)</b> , integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller <b>Intel Celeron G465 Processor (1 core / 2 threads, 1.9GHz, 1.5MB cache)</b> , integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller <b>Intel Celeron G470 Processor (1 core / 2 threads, 2.0GHz, 1.5MB cache)</b> , integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller Processor in LGA1155 socket											Genuine Windows® 7 Embedded 32  <b>Preloaded applications (only some listed)</b> <ul style="list-style-type: none"> <li>● Adobe® Reader®</li> <li>● Adobe Flash® Player</li> <li>● Citrix® Receiver</li> <li>● IIS Web Server</li> <li>● Microsoft® Management Console</li> <li>● Microsoft Silverlight</li> <li>● Remote Desktop Protocol</li> <li>● ThinPrint .print Client</li> <li>● TightVNC Viewer</li> <li>● VMware® View Client</li> <li>● vWorkspace</li> <li>● Windows Media Player</li> </ul>	
Implementation													
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1066MHz DDR3 memory controller</i>												
Graphics	<b>Intel HD Graphics</b> in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (VGA)@60Hz</i>												
DP dongle	None												
Disk	Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide												
External optical	None												
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset												
Onboard SATA	One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar												
eSATA port	None												
Chipset	<b>Intel H61 Express Chipset</b>												
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)												
Rear ports	Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)												
PCIe Mini Card	One PCI Express® Mini Card slot												
PCIe WLAN <sup>4</sup>	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1												
Bluetooth	None												
Audio	High Definition (HD) Audio, Realtek® ALC662 codec												
Speaker	Internal speaker for business audio												
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®												
Intel AMT	None												
Modem	None												
Security chip	None												
Keyboard	None												
Mouse	None												
Floor Stand	None												
VESA mount	None												
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU												
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 7.1" W X 7.2" D X 1.4" H</li> <li>● 179mm W X 182mm D X 34.5mm H</li> <li>● 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)</li> </ul>											<b>Security</b> <ul style="list-style-type: none"> <li>● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)</li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Individual USB port disablement</li> </ul>	
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant GREENGUARD® certified RoHS-compliant	
Supports ThinkVantage Technologies													

See footnotes for important warranty information

WE models announced July 10, 2012, January 8, 2013, March 12, 2013, or July 9, 2013

WE models withdrawn effective May 2014

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(G-MOS11-12) May 2014

# ThinkCentre M72e Tiny (3267) - GMP (Win 8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory <sup>a</sup>	SATA disk GB rpm	External optical	Display-Port dongle	Optional port	Floor stand	VESA mount	ENERGY STAR 5.2	Global (G) GMP (P)	Preload	Ann date (mm/dd/yy)
3267-A3G	i5-3470T	4GBx1 1600MHz	320G 5400	DVD±RW	HD 2500	None	None	Mount	ES52	G P	Win8 Pro64	10/23/12
3267-A4G	i5-3470T	4GBx1 1600MHz	320G 5400	DVD±RW	HD 2500	None	None	Mount	ES52	G P	Win7 Pro64	10/23/12

●Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										
Processor	<b>Intel® Core™ i5-3470T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket</b>										
Implementation											
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook)										
Graphics	<b>Intel HD Graphics 2500</b> in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution vary by processor (i5 CPU supports max: 2560x2048)</i>										
DP dongle	None										
Disk	SATA 3.0Gb/s, 2.5" Wide, 5400 rpm										
External optical	Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										
Onboard SATA eSATA port	One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar										
Chipset	<b>Intel H61 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	None										
Bluetooth	None										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
Speaker	Internal speaker for business audio										
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	None										
VESA mount	Supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU										
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 7.1" W X 7.2" D X 1.4" H</li> <li>● 179mm W X 182mm D X 34.5mm H</li> <li>● 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)</li> </ul>										
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										
	<b>Preloaded operating system</b> <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 8 Pro 64-bit <b>Preloaded applications</b> (only some listed) <b>- Windows 7 models</b> <ul style="list-style-type: none"> <li>● ThinkVantage® Product Recovery</li> <li>● ThinkVantage Power Manager</li> <li>● ThinkVantage Communication Utility</li> <li>● Lenovo® Message Center Plus</li> <li>● Lenovo SimpleTap</li> <li>● Adobe® Reader®</li> <li>● Windows Live™ Essentials</li> <li>● Corel® Burn.Now™ (DVD±RW)</li> <li>● Corel DVD MovieFactory® (DVD±RW)</li> </ul> <b>- Windows 8 models</b> <ul style="list-style-type: none"> <li>● Lenovo Support</li> <li>● Lenovo Companion</li> <li>● Lenovo Cloud Storage</li> <li>● Norton™ Studio</li> <li>● AccuWeather</li> <li>● Evernote®</li> <li>● Cyberlink Power2Go (DVD±RW)</li> <li>● Cyberlink PowerProducer (DVD±RW)</li> </ul> <b>- All models</b> <ul style="list-style-type: none"> <li>● ThinkVantage System Update</li> <li>● Lenovo Solution Center</li> <li>● View Management Utility</li> <li>● Norton Internet Security (30 days of virus definitions)</li> <li>● Microsoft® Office preloaded; purchase a product key to activate</li> <li>● Skype™</li> </ul>										
	<b>Security</b> <ul style="list-style-type: none"> <li>● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)</li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Individual USB port disablement</li> </ul>										
	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
	Supports ThinkVantage Technologies										

See footnotes for important warranty information  
 WE models announced October 23, 2012  
 WE models withdrawn effective May 2014

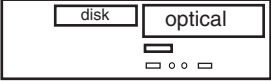
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 (G-MOS11-17) May 2014

# ThinkCentre M72e Small (0900) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB rpm	SATA optical	Graphics	Media reader	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
0900-A5G	3x3	G850	2GBx1 1600MHz	500G 7200	DVD±RW	Intel HD	Media	Switch	None	None	None	Pro 64	07/10/12
0900-A6G	3x3	i3-2120	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2000	Media	Switch	None	None	None	Pro 64	07/10/12

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										
Processor	<b>Intel® Pentium® G850 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache),</b> integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology <b>Intel Core™ i3-2120 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache),</b> integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket										
Implementation											
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets; <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>										
Graphics	<b>Intel HD Graphics</b> or <b>Intel HD Graphics 2000</b> in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i>										
Disk	SATA 3.0Gb/s 7200 rpm										
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar										
eSATA port	None										
Media reader	9-in-1 media reader, internal USB 2.0										
Chipset	<b>Intel H61 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)										
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
PCIe WLAN <sup>†</sup>	None										
Bluetooth	None										
Speaker	Internal speaker for business audio										
IEEE 1394	None										
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	None										
Power supply	240 watts, autosensing, active Power Factor Correction										
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 13.2" W X 15.0" D X 3.9" H</li> <li>• 335mm W X 382mm D X 101mm H</li> <li>• 14.6 lb (6.6 kg) in maximum configuration</li> <li>• Highlighted optical drive button for easy access</li> </ul>										
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 1.5", .35" high, access, opt reader* *bay only available on models with media reader installed										
Slot	Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1										
											
Limited Warranty	<b>1-year, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										
	<b>Preloaded operating system</b> Genuine Windows® 7 Professional 64 <b>Ready to install applications</b> (only some listed) <ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul> <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• View Management Utility</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Skype™ for Windows</li> <li>• Windows Live™ Essentials</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul>										
	<b>Security</b> <ul style="list-style-type: none"> <li>• One lock to secure both cover and entire system to fixed object:                              -Padlock loop (in rear for opt padlock)                              -Security slot (in rear for optional Kensington® MicroSaver® cable)</li> <li>• Power-on password</li> <li>• Administrator password</li> <li>• Hard disk password</li> <li>• Boot sequence control</li> <li>• Boot without keyboard and mouse</li> <li>• Serial port I/O control</li> <li>• Individual USB port disablement</li> <li>• Chassis intrusion switch on selected model(s)</li> </ul>										
	Cisco EnergyWise compatible RoHS-compliant Supports ThinkVantage Technologies										

See footnotes for important warranty information  
 WE models announced July 10, 2012  
 WE models withdrawn effective May 2014

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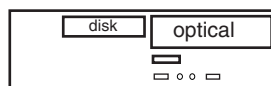
# ThinkCentre M72e Small (0900) - TopSeller (Win 8)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>8</sup>	SATA disk GB rpm	SATA optical	Graphics	Media reader	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global	Preload	Ann date (mm/dd/yy)
0900-A7G	3x3	G870	4GBx1 1600MHz	500G 7200	DVD±RW	Intel HD	Media	Switch	None	None	None	Win8 Pro64	10/23/12
0900-A8G	3x3	i3-3220	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	Media	Switch	None	None	None	Win8 Pro64	10/23/12
0900-B3G	3x3	G870	4GBx1 1600MHz	500G 7200	DVD±RW	Intel HD	Media	Switch	None	None	None	Win7 Pro64	10/23/12
0900-B4G	3x3	i3-3220	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	Media	Switch	None	None	None	Win7 Pro64	10/23/12

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										<b>Preloaded operating system</b>		
Processor	<b>Intel® Pentium® G870 Processor (2 cores / 2 threads, 3.1GHz, 3MB cache)</b> , integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology <b>Intel Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache)</b> , integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller										<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 8 Pro 64-bit		
Implementation	Processor in LGA1155 socket										<b>Preloaded applications</b> (only some listed)		
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets; <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>										<b>- Windows 7 models</b>		
Graphics	<b>Intel HD Graphics</b> or <b>Intel HD Graphics 2500</b> in processor, uses main memory, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i>										<ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• Lenovo® Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Adobe® Reader®</li> <li>• Windows Live™ Essentials</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul>		
Disk	SATA 3.0Gb/s 7200 rpm										<b>- Windows 8 models</b>		
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										<ul style="list-style-type: none"> <li>• Lenovo Support</li> <li>• Lenovo Companion</li> <li>• Lenovo Cloud Storage</li> <li>• Norton™ Studio</li> <li>• AccuWeather</li> <li>• Evernote®</li> <li>• Cyberlink Power2Go (DVD±RW)</li> <li>• Cyberlink PowerProducer (DVD±RW)</li> </ul>		
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										<b>- All models</b>		
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar										<ul style="list-style-type: none"> <li>• ThinkVantage System Update</li> <li>• Lenovo Solution Center</li> <li>• View Management Utility</li> <li>• Norton Internet Security (30 days of virus definitions)</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Skype™</li> </ul>		
eSATA port	None												
Media reader	9-in-1 media reader, internal USB 2.0												
Chipset	<b>Intel H61 Express Chipset</b>												
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)												
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D												
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)												
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)												
Audio	High Definition (HD) Audio, Realtek® ALC662 codec												
PCIe WLAN <sup>4</sup>	None												
Bluetooth	None												
Speaker	Internal speaker for business audio												
IEEE 1394	None												
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®												
Intel AMT	None												
Modem	None												
Security chip	None												
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Floor Stand	None												
Power supply	240 watts, autosensing, active Power Factor Correction												
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 13.2" W X 15.0" D X 3.9" H</li> <li>• 335mm W X 382mm D X 101mm H</li> <li>• 14.6 lb (6.6 kg) in maximum configuration</li> <li>• Highlighted optical drive button for easy access</li> </ul>										<b>Security</b>		
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 1.5", .35" high, access, opt reader* *bay only available on models with media reader installed										<ul style="list-style-type: none"> <li>• One lock to secure both cover and entire system to fixed object:               <ul style="list-style-type: none"> <li>- Padlock loop (in rear for opt padlock)</li> <li>- Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </li> <li>• Power-on password</li> <li>• Administrator password</li> <li>• Hard disk password</li> <li>• Boot sequence control</li> <li>• Boot without keyboard and mouse</li> <li>• Serial port I/O control</li> <li>• Individual USB port disablement</li> <li>• Chassis intrusion switch on selected model(s)</li> </ul>		
Slot	Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1										Cisco EnergyWise compatible RoHS-compliant		
Limited Warranty	<b>1-year, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										Supports ThinkVantage Technologies		



See footnotes for important warranty information  
 WE models announced October 23, 2012  
 WE models withdrawn effective May 2014


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# ThinkCentre M72e Small (0967) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB rpm	SATA optical	Graphics	Media reader	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
0967-A6G	3x3	i3-2120	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2000	Media	Switch	None	None	None	Pro 64	07/10/12
0967-B7G	3x3	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	Media	Switch	None	None	None	Pro 64	10/09/12

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										
Processor	<b>Intel® Core™ i3-2120 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache),</b> integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology <b>Intel Core i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache),</b> integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket										
Implementation											
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets; <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>										
Graphics	<b>Intel HD Graphics 2000</b> or <b>Intel HD Graphics 2500</b> in processor, uses main memory, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i>										
Disk	SATA 3.0Gb/s 7200 rpm										
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar										
eSATA port	None										
Media reader	9-in-1 media reader, internal USB 2.0										
Chipset	<b>Intel H61 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)										
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
PCIe WLAN <sup>†</sup>	None										
Bluetooth	None										
Speaker	Internal speaker for business audio										
IEEE 1394	None										
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	None										
Power supply	240 watts, autosensing, active Power Factor Correction										
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 13.2" W X 15.0" D X 3.9" H</li> <li>• 335mm W X 382mm D X 101mm H</li> <li>• 14.6 lb (6.6 kg) in maximum configuration</li> <li>• Highlighted optical drive button for easy access</li> </ul>										
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 1.5", .35" high, access, opt reader* *bay only available on models with media reader installed										
Slot	Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1										
											
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										
	<b>Preloaded operating system</b> Genuine Windows® 7 Professional 64 <b>Ready to install applications</b> (only some listed) <ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul> <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• View Management Utility</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Skype™ for Windows</li> <li>• Windows Live™ Essentials</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul>										
	<b>Security</b> <ul style="list-style-type: none"> <li>• One lock to secure both cover and entire system to fixed object:                             <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </li> <li>• Power-on password</li> <li>• Administrator password</li> <li>• Hard disk password</li> <li>• Boot sequence control</li> <li>• Boot without keyboard and mouse</li> <li>• Serial port I/O control</li> <li>• Individual USB port disablement</li> <li>• Chassis intrusion switch on selected model(s)</li> </ul>										
	Cisco EnergyWise compatible RoHS-compliant										
	Supports ThinkVantage Technologies										

See footnotes for important warranty information  
 WE models announced July 10 or October 9, 2012  
 WE models withdrawn effective May 2014

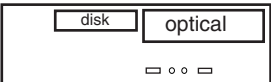
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# ThinkCentre M72e Small (3660) - ES 5.2

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB rpm	SATA optical	Graphics	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
3660-E1G	3x2	i3-3220	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	Switch	Stand	ES52	None	Pro 64	09/11/12

●3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>								<b>Preloaded operating system</b>			
Processor	Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller								Genuine Windows® 7 Professional 64			
Implementation	Processor in LGA1155 socket								<b>Ready to install applications</b> (only some listed)			
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets								<ul style="list-style-type: none"> <li>● Rescue and Recovery™</li> <li>● Password Manager</li> </ul>			
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i>								<b>Preloaded applications</b> (only some listed)			
Disk	SATA 3.0Gb/s 7200 rpm								<ul style="list-style-type: none"> <li>● ThinkVantage® Product Recovery</li> <li>● ThinkVantage System Update</li> <li>● ThinkVantage Power Manager</li> <li>● ThinkVantage Communication Utility</li> <li>● View Management Utility</li> <li>● Lenovo Solution Center</li> <li>● Lenovo Message Center Plus</li> <li>● Lenovo SimpleTap</li> <li>● Norton™ Internet Security (30 days of virus definitions)</li> <li>● Adobe® Reader®</li> <li>● Skype™ for Windows</li> <li>● Windows Live™ Essentials</li> <li>● Microsoft® Office preloaded; purchase a product key to activate</li> <li>● Corel® Burn.Now™ (DVD±RW)</li> <li>● Corel DVD MovieFactory® (DVD±RW)</li> </ul>			
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset											
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar											
eSATA port	None											
Media reader	None											
Chipset	<b>Intel H61 Express Chipset</b>											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
PCIe WLAN <sup>†</sup>	None											
Bluetooth	None											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®											
Intel AMT	None											
Modem	None											
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	System floor stand for vertical orientation											
Power supply	240 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 13.2" W X 15.0" D X 3.9" H</li> <li>● 335mm W X 382mm D X 101mm H</li> <li>● 14.6 lb (6.6 kg) in maximum configuration</li> <li>● Highlighted optical drive button for easy access</li> </ul>											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk								<b>Security</b>			
Slot	Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1								<ul style="list-style-type: none"> <li>● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Serial port I/O control</li> <li>● Individual USB port disablement</li> <li>● Chassis intrusion switch on selected model(s)</li> </ul>			
									EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available								Supports ThinkVantage Technologies			

See footnotes for important warranty information  
 WE model announced September 11, 2012  
 WE models withdrawn effective May 2014


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# ThinkCentre M72e Small (3664) - ES 5.2 (GMP)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB rpm	SATA optical	Graphics	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global (G) GMP (P)	Win7 preload	Ann date (mm/dd/yy)
3664-A1G	3x2	i5-3550	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	Switch	Stand	ES52	G P	Pro 64	06/05/12
3664-A2G	3x2	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	None	Stand	ES52	G P	Pro 64	06/19/12
3664-A4G	3x2	i3-3220	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	Switch	Stand	ES52	G P	Pro 64	08/21/12
3664-A6G	3x2	i3-3240	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	Switch	Stand	ES52	G P	Pro 64	05/28/13

●Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>									
Processor	<p><b>Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache),</b> integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller</p> <p><b>Intel Core i3-3240 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache),</b> integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller</p> <p><b>Intel Core i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache),</b> Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p><b>Intel Core i5-3550 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache),</b> Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p>Processor in LGA1155 socket</p>									
Implementation	Processor in LGA1155 socket									
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets									
Graphics	<p><b>Intel HD Graphics 2500</b> in processor, uses main memory, DirectX® 11, one VGA, one DVI-D, supports dual independent display;  <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i></p>									
Disk	SATA 3.0Gb/s 7200 rpm									
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive									
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset									
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar									
eSATA port	None									
Media reader	None									
Chipset	<b>Intel H61 Express Chipset</b>									
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)									
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D									
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)									
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)									
Audio	High Definition (HD) Audio, Realtek® ALC662 codec									
PCIe WLAN <sup>†</sup>	None									
Bluetooth	None									
Speaker	Internal speaker for business audio									
IEEE 1394	None									
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®									
Intel AMT	None									
Modem	None									
Security chip	None									
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo									
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo									
Floor Stand	System floor stand for vertical orientation									
Power supply	240 watts, autosensing, 85% PSU									
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 13.2" W X 15.0" D X 3.9" H</li> <li>● 335mm W X 382mm D X 101mm H</li> <li>● 14.6 lb (6.6 kg) in maximum configuration</li> <li>● Highlighted optical drive button for easy access</li> </ul>									
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk									
Slot	Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1									
										
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available									
	<p><b>Preloaded operating system</b></p> <p>Genuine Windows® 7 Professional 64</p> <p><b>Ready to install applications</b> (only some listed)</p> <ul style="list-style-type: none"> <li>● Rescue and Recovery™</li> <li>● Password Manager</li> </ul> <p><b>Preloaded applications</b> (only some listed)</p> <ul style="list-style-type: none"> <li>● ThinkVantage® Product Recovery</li> <li>● ThinkVantage System Update</li> <li>● ThinkVantage Power Manager</li> <li>● ThinkVantage Communication Utility</li> <li>● View Management Utility</li> <li>● Lenovo Solution Center</li> <li>● Lenovo Message Center Plus</li> <li>● Lenovo SimpleTap</li> <li>● Norton™ Internet Security (30 days of virus definitions)</li> <li>● Adobe® Reader®</li> <li>● Skype™ for Windows</li> <li>● Windows Live™ Essentials</li> <li>● Microsoft® Office preloaded; purchase a product key to activate</li> <li>● Corel® Burn.Now™ (DVD±RW)</li> <li>● Corel DVD MovieFactory® (DVD±RW)</li> </ul>									
	<p><b>Security</b></p> <ul style="list-style-type: none"> <li>● One lock to secure both cover and entire system to fixed object:               <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Serial port I/O control</li> <li>● Individual USB port disablement</li> <li>● Chassis intrusion switch on selected model(s)</li> </ul> <p>EPEAT™ Gold rating            ENERGY STAR® 5.2-compliant            Cisco EnergyWise compatible            GREENGUARD® certified            RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p>									

See footnotes for important warranty information

WE models announced June 5, 2012, June 19, 2012, August 21, 2012, or May 28, 2013

WE models withdrawn effective May 2014

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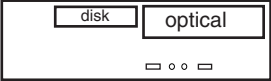
(G-MOSI1-4) May 2014

# ThinkCentre M72e Small (3664) - ES 5.2 (GMP) - Win 8

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB rpm	SATA optical	Graphics	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Global (G) GMP (P)	Preload	Ann date (mm/dd/yy)
3664-A3G	3x2	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	Switch	Stand	ES52	G P	Win8 Pro64	10/23/12
3664-A5G	3x2	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	HD 2500	None	Stand	ES52	G P	Win7 Pro64	10/23/12

● Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										
Processor	<b>Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</b>										
Implementation	Processor in LGA1155 socket										
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets										
Graphics	<b>Intel HD Graphics 2500</b> in processor, uses main memory, DirectX® 11, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i>										
Disk	SATA 3.0Gb/s 7200 rpm										
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar										
eSATA port	None										
Media reader	None										
Chipset	<b>Intel H61 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)										
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
PCIe WLAN <sup>4</sup>	None										
Bluetooth	None										
Speaker	Internal speaker for business audio										
IEEE 1394	None										
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	System floor stand for vertical orientation										
Power supply	240 watts, autosensing, 85% PSU										
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 13.2" W X 15.0" D X 3.9" H</li> <li>● 335mm W X 382mm D X 101mm H</li> <li>● 14.6 lb (6.6 kg) in maximum configuration</li> <li>● Highlighted optical drive button for easy access</li> </ul>										
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk										
Slot	Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1										
											
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										
	<b>Preloaded operating system</b> <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 8 Pro 64-bit <b>Preloaded applications (only some listed)</b> <b>- Windows 7 models</b> <ul style="list-style-type: none"> <li>● ThinkVantage® Product Recovery</li> <li>● ThinkVantage Power Manager</li> <li>● ThinkVantage Communication Utility</li> <li>● Lenovo® Message Center Plus</li> <li>● Lenovo SimpleTap</li> <li>● Adobe® Reader®</li> <li>● Windows Live™ Essentials</li> <li>● Corel® Burn.Now™ (DVD±RW)</li> <li>● Corel DVD MovieFactory® (DVD±RW)</li> </ul> <b>- Windows 8 models</b> <ul style="list-style-type: none"> <li>● Lenovo Support</li> <li>● Lenovo Companion</li> <li>● Lenovo Cloud Storage</li> <li>● Norton™ Studio</li> <li>● AccuWeather</li> <li>● Evernote®</li> <li>● Cyberlink Power2Go (DVD±RW)</li> <li>● Cyberlink PowerProducer (DVD±RW)</li> </ul> <b>- All models</b> <ul style="list-style-type: none"> <li>● ThinkVantage System Update</li> <li>● Lenovo Solution Center</li> <li>● View Management Utility</li> <li>● Norton Internet Security (30 days of virus definitions)</li> <li>● Microsoft® Office preloaded; purchase a product key to activate</li> <li>● Skype™</li> </ul>										
	<b>Security</b> <ul style="list-style-type: none"> <li>● One lock to secure both cover and entire system to fixed object:               <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Serial port I/O control</li> <li>● Individual USB port disablement</li> <li>● Chassis intrusion switch on selected model(s)</li> </ul>										
	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
	Supports ThinkVantage Technologies										

See footnotes for important warranty information  
 WE models announced October 23, 2012  
 WE models withdrawn effective May 2014

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 (G-MOS11-20) May 2014

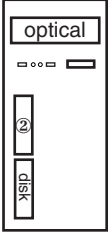


# ThinkCentre M72e Tower (0896) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB rpm	2nd Disk Bay	SATA optical	Graphics	Media reader	Chassis intr switch	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
0896-A1G	3x4	G640	2GBx1 1600MHz	500G 7200	Bay	DVD±RW	Intel HD	Media	Switch	None	None	None	07/10/12
0896-A2G	3x4	G640	2GBx1 1600MHz	500G 7200	Bay	DVD±RW	Intel HD	Media	Switch	None	None	Pro 64	07/10/12
0896-A3G	3x4	G640	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	Intel HD	Media	Switch	None	None	Pro 64	07/10/12
0896-A4G	3x4	G850	2GBx1 1600MHz	500G 7200	Bay	DVD±RW	Intel HD	Media	Switch	None	None	Pro 64	07/10/12
0896-A5G	3x4	i3-2120	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	HD 2000	Media	Switch	None	None	Pro 64	07/10/12
0896-A6G	3x4	i3-2120	4GBx1 1600MHz	1TB 7200	Bay	DVD±RW	HD 2000	Media	Switch	None	None	Pro 64	07/10/12
0896-B6G	3x4	G645	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	Intel HD	Media	Switch	None	None	None	09/04/12

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										<b>Preloaded operating system</b>		
Processor	<p><b>Intel® Pentium® G640 Processor (2 cores / 2 threads, 2.8GHz, 3MB cache),</b> integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p><b>Intel Pentium G645 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache),</b> integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p><b>Intel Pentium G850 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache),</b> integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p><b>Intel Core™ i3-2120 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache),</b> integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p>Processor in LGA1155 socket</p>										<p><i>Some:</i> No operating system</p> <p><i>Some:</i> Genuine Windows 7 Professional 64</p> <p><b>Ready to install applications</b> (Windows 7 models; only some listed)</p> <ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul> <p><b>Preloaded applications</b> (Windows 7 models; only some listed)</p> <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• View Management Utility</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Skype™ for Windows</li> <li>• Windows Live™ Essentials</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul>		
Implementation													
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets; <i>System automatically clocks down for processors with 1066 or 1333MHz DDR3 memory controller</i>												
Graphics	<b>Intel HD Graphics or Intel HD Graphics 2000</b> in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i>												
Disk	SATA 3.0Gb/s 7200 rpm												
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive												
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset												
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar												
eSATA port	None												
Media reader	9-in-1 media reader, internal USB 2.0												
Chipset	<b>Intel H61 Express Chipset</b>												
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)												
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D												
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)												
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)												
Audio	High Definition (HD) Audio, Realtek® ALC662 codec												
PCIe WLAN <sup>4</sup>	None												
Bluetooth	None												
Speaker	Internal speaker for business audio												
IEEE 1394	None												
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®												
Intel AMT	None												
Modem	None												
Security chip	None												
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Power supply	280 watts with variable speed fan, manual switch												
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 6.3" W X 16.6" D X 15.3" H (with handle)</li> <li>• 160mm W X 422mm D X 388mm H</li> <li>• 20.7 lb (9.4 kg) in maximum configuration</li> <li>• Handle on top front</li> <li>• Highlighted optical drive button for easy access</li> </ul>										 <p>The diagram shows a vertical front panel with an 'optical' drive at the top and a 'disk' drive below it. The disk drive bay is divided into four sections, with the top section labeled '2' and the bottom section labeled '3'.</p>		
Bay	<p>Bay 1: 5.25", 1.6" high, access, std optical</p> <p>Bay 2: 3.5", 1" high, no access, std disk</p> <p>Bay 3: 3.5", 1" high, no access, std disk</p> <p>Bay 4: 1.5", .35" high, access, opt reader*</p> <p>*bay only available on models with media reader installed</p>												
Slot	<p>Slot 1: half-length, full-height, PCI Express® 2.0 x16 (60w max)</p> <p>Slot 2: half-length, full-height, PCIe 2.0 x1</p> <p>Slot 3: half-length, full-height, PCIe 2.0 x1</p>												
Limited Warranty	<b>1-year, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										Cisco EnergyWise compatible RoHS-compliant		
										Supports ThinkVantage Technologies			

See footnotes for important warranty information  
 WE models announced July 10 or September 4, 2012  
 WE models withdrawn effective May 2014

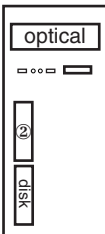
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 (G-MOSI1-8) May 2014

# ThinkCentre M72e Tower (0896) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB rpm	2nd Disk Bay	SATA optical	Graphics	Media reader	Chassis intr switch	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
0896-A7G	3x4	i5-3470	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	HD 2500	Media	Switch	None	None	Pro 64	07/10/12
0896-A8G	3x4	i5-3470	4GBx1 1600MHz	1TB 7200	Bay	DVD±RW	HD 7350	Media	Switch	None	None	Pro 64	07/10/12

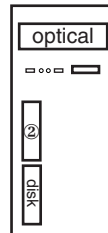
- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										<b>Preloaded operating system</b>
Processor	<b>Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket</b>										Genuine Windows® 7 Professional 64
Implementation	Processor in LGA1155 socket										<b>Ready to install applications</b> (only some listed)
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets										<ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul>
Graphics	<i>Some:</i> <b>Intel HD Graphics 2500</b> in processor, uses main memory, DirectX® 11, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution:</i> 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz <i>Some:</i> <b>AMD Radeon™ HD 7350</b> , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort™, 30 watts; <i>Maximum resolution:</i> 2560x1600 (DisplayPort, DVI-I)@60Hz; works along with Intel HD Graphics to support up to four independent monitors										<b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• View Management Utility</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Skype™ for Windows</li> <li>• Windows Live™ Essentials</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul>
Disk	SATA 3.0Gb/s 7200 rpm										
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar										
eSATA port	None										
Media reader	9-in-1 media reader, internal USB 2.0										
Chipset	<b>Intel H61 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)										
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
PCIe WLAN <sup>4</sup>	None										
Bluetooth	None										
Speaker	Internal speaker for business audio										
IEEE 1394	None										
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Power supply	280 watts with variable speed fan, manual switch										
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 6.3" W X 16.6" D X 15.3" H (with handle)</li> <li>• 160mm W X 422mm D X 388mm H</li> <li>• 20.7 lb (9.4 kg) in maximum configuration</li> <li>• Handle on top front</li> <li>• Highlighted optical drive button for easy access</li> </ul>										
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with media reader installed										
Slot	Slot 1: half-length, full-height, PCI Express® 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1										<b>Security</b> <ul style="list-style-type: none"> <li>• One lock to secure both cover and entire system to fixed object:                             <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </li> <li>• Power-on password</li> <li>• Administrator password</li> <li>• Hard disk password</li> <li>• Boot sequence control</li> <li>• Boot without keyboard and mouse</li> <li>• Serial port I/O control</li> <li>• Individual USB port disablement</li> <li>• Chassis intrusion switch on selected model(s)</li> </ul>
Limited Warranty	<b>1-year, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										Cisco EnergyWise compatible RoHS-compliant Supports ThinkVantage Technologies

# ThinkCentre M72e Tower (0896) - TopSeller (Win 8)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB	2nd Disk rpm	Disk Bay	SATA optical	Graphics	Media reader	Chassis intr switch	ENERGY STAR 5.2	Global	Preload	Ann date (mm/dd/yy)
0896-A9G	3x4	G645	4GBx1 1600MHz	500G	7200	Bay	DVD±RW	Intel HD	Media	Switch	None	None	Win8 Pro64	10/23/12
0896-B1G	3x4	G870	4GBx1 1600MHz	500G	7200	Bay	DVD±RW	Intel HD	Media	Switch	None	None	Win8 Pro64	10/23/12
0896-B2G	3x4	i3-3220	4GBx1 1600MHz	500G	7200	Bay	DVD±RW	HD 2500	Media	Switch	None	None	Win8 Pro64	10/23/12
0896-B3G	3x4	i3-3220	4GBx1 1600MHz	1TB	7200	Bay	DVD±RW	HD 2500	Media	Switch	None	None	Win8 Pro64	10/23/12
0896-B4G	3x4	i5-3470	4GBx1 1600MHz	500G	7200	Bay	DVD±RW	HD 2500	Media	Switch	None	None	Win8 Pro64	10/23/12
0896-B5G	3x4	i5-3470	4GBx1 1600MHz	1TB	7200	Bay	DVD±RW	HD 7350	Media	Switch	None	None	Win8 Pro64	10/23/12
0896-C1G	3x4	G645	4GBx1 1600MHz	500G	7200	Bay	DVD±RW	Intel HD	Media	Switch	None	None	Win7 Pro64	10/23/12
0896-C2G	3x4	G870	4GBx1 1600MHz	500G	7200	Bay	DVD±RW	Intel HD	Media	Switch	None	None	Win7 Pro64	10/23/12
0896-C3G	3x4	i3-3220	4GBx1 1600MHz	500G	7200	Bay	DVD±RW	HD 2500	Media	Switch	None	None	Win7 Pro64	10/23/12
0896-C4G	3x4	i3-3220	4GBx1 1600MHz	1TB	7200	Bay	DVD±RW	HD 2500	Media	Switch	None	None	Win7 Pro64	10/23/12
0896-C5G	3x4	i5-3470	4GBx1 1600MHz	500G	7200	Bay	DVD±RW	HD 2500	Media	Switch	None	None	Win7 Pro64	10/23/12
0896-C6G	3x4	i5-3470	4GBx1 1600MHz	1TB	7200	Bay	DVD±RW	HD 7350	Media	Switch	None	None	Win7 Pro64	10/23/12
Positioning	<i>Essential business features, exceptional value</i>											<b>Preloaded operating system</b> <i>Some:</i> Windows <sup>®</sup> 7 Professional 64 reinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 8 Pro 64-bit <b>Preloaded applications</b> (only some listed) <b>- Windows 7 models</b> <ul style="list-style-type: none"> <li>ThinkVantage<sup>®</sup> Product Recovery</li> <li>ThinkVantage Power Manager</li> <li>ThinkVantage Communication Utility</li> <li>Lenovo<sup>®</sup> Message Center Plus</li> <li>Lenovo SimpleTap</li> <li>Adobe<sup>®</sup> Reader<sup>®</sup></li> <li>Windows Live<sup>™</sup> Essentials</li> <li>Corel<sup>®</sup> Burn.Now<sup>™</sup> (DVD±RW)</li> <li>Corel DVD MovieFactory<sup>®</sup> (DVD±RW)</li> </ul> <b>- Windows 8 models</b> <ul style="list-style-type: none"> <li>Lenovo Support</li> <li>Lenovo Companion</li> <li>Lenovo Cloud Storage</li> <li>Norton<sup>™</sup> Studio</li> <li>AccuWeather</li> <li>Evernote<sup>®</sup></li> <li>Cyberlink Power2Go (DVD±RW)</li> <li>Cyberlink PowerProducer (DVD±RW)</li> </ul> <b>- All models</b> <ul style="list-style-type: none"> <li>ThinkVantage System Update</li> <li>Lenovo Solution Center</li> <li>View Management Utility</li> <li>Norton Internet Security (30 days of virus definitions)</li> <li>Microsoft<sup>®</sup> Office preloaded; purchase a product key to activate</li> <li>Skype<sup>™</sup></li> </ul>		
Processor	<b>Intel<sup>®</sup> Pentium<sup>®</sup> G645 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache)</b> , integrated Intel HD Graphics, integrated DDR3 memory controller (up to 1066MHz) <b>Intel Pentium G870 Processor (2 cores / 2 threads, 3.1GHz, 3MB cache)</b> , integrated Intel HD Graphics, integrated DDR3 memory controller (up to 1333MHz) <b>Intel Core<sup>™</sup> i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache)</b> , integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller <b>Intel Core i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache)</b> , Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket													
Implementation	Processor in LGA1155 socket													
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets													
Graphics	<i>Some:</i> <b>Intel HD Graphics</b> or <b>Intel HD Graphics 2500</b> in processor, dual in-processor memory, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution:</i> 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz <i>Some:</i> <b>AMD Radeon<sup>™</sup> HD 7350</b> , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express <sup>®</sup> 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort <sup>™</sup> , 30 watts; <i>Maximum resolution:</i> 2560x1600 (DisplayPort, DVI-I)@60Hz; works along with Intel HD Graphics to support up to four independent monitors													
Disk	SATA 3.0Gb/s 7200 rpm													
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset													
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar													
eSATA port	None													
Media reader	9-in-1 media reader, internal USB 2.0													
Chipset	<b>Intel H61 Express Chipset</b>													
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)													
Audio	High Definition (HD) Audio, Realtek <sup>®</sup> ALC662 codec													
PCIe WLAN <sup>4</sup>	None													
Bluetooth	None													
Speaker	Internal speaker for business audio													
IEEE 1394	None													
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN <sup>®</sup>													
Intel AMT	None													
Modem	None													
Security chip	None													
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo <sup>®</sup> logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts with variable speed fan, manual switch													
Machine	<ul style="list-style-type: none"> <li>Business black color; metal case</li> <li>6.3" W X 16.6" D X 15.3" H (with handle)</li> <li>160mm W X 422mm D X 388mm H</li> <li>20.7 lb (9.4 kg) in maximum configuration</li> <li>Handle on top front</li> <li>Highlighted optical drive button for easy access</li> </ul>													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with media reader installed													
Slot	Slot 1: half-length, full-height, PCI Express <sup>®</sup> 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1													
Limited Warranty	<b>1-year, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available													



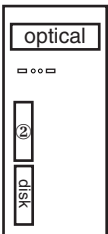
See footnotes for important warranty information  
WE models announced October 23, 2012  
WE models withdrawn effective May 2014

# ThinkCentre M72e Tower (3655) - ES 5.2

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB rpm	2nd Disk Bay	SATA optical	Graphics	Chassis intr switch	ENERGY STAR 5.2	Global	Win7 preload	Ann date (mm/dd/yy)
3655-E7G	3x3	i3-3220	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	HD 2500	Switch	ES52	None	Pro 64	09/11/12

●3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										
Processor	<b>Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller</b>										
Implementation	Processor in LGA1155 socket										
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets										
Graphics	<b>Intel HD Graphics 2500</b> in processor, uses main memory, DirectX® 11, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i>										
Disk	SATA 3.0Gb/s 7200 rpm										
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset										
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar										
eSATA port	None										
Media reader	None										
Chipset	<b>Intel H61 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)										
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
PCIe WLAN <sup>†</sup>	None										
Bluetooth	None										
Speaker	Internal speaker for business audio										
IEEE 1394	None										
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Power supply	280 watts with variable speed fan, autosensing, 85% PSU										
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 6.3" W X 16.6" D X 15.3" H (with handle)</li> <li>● 160mm W X 422mm D X 388mm H</li> <li>● 20.7 lb (9.4 kg) in maximum configuration</li> <li>● Handle on top front</li> <li>● Highlighted optical drive button for easy access</li> </ul>										
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk Bay 3: 3.5", 1" high, no access, std disk										
Slot	Slot 1: half-length, full-height, PCI Express® 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1										
											
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										
	<b>Preloaded operating system</b> Genuine Windows® 7 Professional 64 <b>Ready to install applications</b> (only some listed) <ul style="list-style-type: none"> <li>● Rescue and Recovery™</li> <li>● Password Manager</li> </ul> <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>● ThinkVantage® Product Recovery</li> <li>● ThinkVantage System Update</li> <li>● ThinkVantage Power Manager</li> <li>● ThinkVantage Communication Utility</li> <li>● View Management Utility</li> <li>● Lenovo Solution Center</li> <li>● Lenovo Message Center Plus</li> <li>● Lenovo SimpleTap</li> <li>● Norton™ Internet Security (30 days of virus definitions)</li> <li>● Adobe® Reader®</li> <li>● Skype™ for Windows</li> <li>● Windows Live™ Essentials</li> <li>● Microsoft® Office preloaded; purchase a product key to activate</li> <li>● Corel® Burn.Now™ (DVD±RW)</li> <li>● Corel DVD MovieFactory® (DVD±RW)</li> </ul>										
	<b>Security</b> <ul style="list-style-type: none"> <li>● One lock to secure both cover and entire system to fixed object:               <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Serial port I/O control</li> <li>● Individual USB port disablement</li> <li>● Chassis intrusion switch on selected model(s)</li> </ul>										
	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies										

See footnotes for important warranty information

WE model announced September 11, 2012

WE models withdrawn effective May 2014

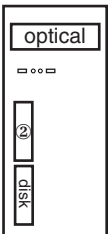
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(G-MOSI1-14) May 2014

# ThinkCentre M72e Tower (3662) - ES 5.2 (GMP)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>a</sup>	SATA disk GB rpm	2nd Disk Bay	SATA optical	Graphics	Chassis intr switch	ENERGY Global (G) STAR 5.2 GMP (P)	Win7 preload	Ann date (mm/dd/yy)
3662-A1G	3x3	i5-3550	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	HD 2500	Switch	ES52 G P	Pro 64	06/05/12
3662-A2G	3x3	i5-3470	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	HD 2500	None	ES52 G P	Pro 64	06/19/12
3662-A4G	3x3	i3-3220	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	HD 2500	Switch	ES52 G P	Pro 64	08/21/12
3662-A6G	3x3	i3-3240	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	HD 2500	Switch	ES52 G P	Pro 64	05/28/13

●Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning Processor	<p><i>Essential business features, exceptional value</i></p> <p><b>Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache),</b> integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller</p> <p><b>Intel Core i3-3240 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache),</b> integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller</p> <p><b>Intel Core i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache),</b> Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</p> <p><b>Intel Core i5-3550 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache),</b> Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket</p>						<p><b>Preloaded operating system</b></p> <p>Genuine Windows® 7 Professional 64</p> <p><b>Ready to install applications (only some listed)</b></p> <ul style="list-style-type: none"> <li>● Rescue and Recovery™</li> <li>● Password Manager</li> </ul> <p><b>Preloaded applications (only some listed)</b></p> <ul style="list-style-type: none"> <li>● ThinkVantage® Product Recovery</li> <li>● ThinkVantage System Update</li> <li>● ThinkVantage Power Manager</li> <li>● ThinkVantage Communication Utility</li> <li>● View Management Utility</li> <li>● Lenovo Solution Center</li> <li>● Lenovo Message Center Plus</li> <li>● Lenovo SimpleTap</li> <li>● Norton™ Internet Security (30 days of virus definitions)</li> <li>● Adobe® Reader®</li> <li>● Skype™ for Windows</li> <li>● Windows Live™ Essentials</li> <li>● Microsoft® Office preloaded; purchase a product key to activate</li> <li>● Corel® Burn.Now™ (DVD±RW)</li> <li>● Corel DVD MovieFactory® (DVD±RW)</li> </ul>					
Implementation												
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets											
Graphics	<p><b>Intel HD Graphics 2500</b> in processor, uses main memory, DirectX® 11, one VGA, one DVI-D, supports dual independent display;  <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i></p>											
Disk	SATA 3.0Gb/s 7200 rpm											
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset											
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar											
eSATA port	None											
Media reader	None											
Chipset	<b>Intel H61 Express Chipset</b>											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
PCIe WLAN <sup>†</sup>	None											
Bluetooth	None											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®											
Intel AMT	None											
Modem	None											
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Power supply	280 watts with variable speed fan, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> <li>● Business black color; metal case</li> <li>● 6.3" W X 16.6" D X 15.3" H (with handle)</li> <li>● 160mm W X 422mm D X 388mm H</li> <li>● 20.7 lb (9.4 kg) in maximum configuration</li> <li>● Handle on top front</li> <li>● Highlighted optical drive button for easy access</li> </ul>											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk Bay 3: 3.5", 1" high, no access, std disk											
Slot	Slot 1: half-length, full-height, PCI Express® 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1											
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available						<p><b>Security</b></p> <ul style="list-style-type: none"> <li>● One lock to secure both cover and entire system to fixed object:               <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </li> <li>● Power-on password</li> <li>● Administrator password</li> <li>● Hard disk password</li> <li>● Boot sequence control</li> <li>● Boot without keyboard and mouse</li> <li>● Serial port I/O control</li> <li>● Individual USB port disablement</li> <li>● Chassis intrusion switch on selected model(s)</li> </ul> <p>EPEAT™ Gold rating            ENERGY STAR® 5.2-compliant            Cisco EnergyWise compatible            GREENGUARD® certified            RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p>					

See footnotes for important warranty information

WE models announced June 5, 2012, June 19, 2012, August 21, 2012, or May 28, 2013

WE models withdrawn effective May 2014

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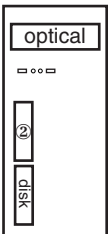
(G-MOS11-5) May 2014

# ThinkCentre M72e Tower (3662) - ES 5.2 (GMP) - Win 8

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>8</sup>	SATA disk GB rpm	2nd Disk Bay	SATA optical	Graphics	Chassis intr switch	ENERGY STAR 5.2	Global (G) GMP (P)	Preload	Ann date (mm/dd/yy)
3662-A3G	3x3	i5-3470	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	HD 2500	Switch	ES52	G P	Win8 Pro64	10/23/12
3662-A5G	3x3	i5-3470	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	HD 2500	None	ES52	G P	Win7 Pro64	10/23/12

•Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>									
Processor	<b>Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology</b>									
Implementation	Processor in LGA1155 socket									
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets									
Graphics	<b>Intel HD Graphics 2500</b> in processor, uses main memory, DirectX® 11, one VGA, one DVI-D, supports dual independent display; <i>Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz</i>									
Disk	SATA 3.0Gb/s 7200 rpm									
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive									
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset									
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar									
eSATA port	None									
Media reader	None									
Chipset	<b>Intel H61 Express Chipset</b>									
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)									
Rear ports	Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D									
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)									
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices)									
Audio	High Definition (HD) Audio, Realtek® ALC662 codec									
PCIe WLAN <sup>4</sup>	None									
Bluetooth	None									
Speaker	Internal speaker for business audio									
IEEE 1394	None									
Ethernet	Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®									
Intel AMT	None									
Modem	None									
Security chip	None									
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo									
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo									
Power supply	280 watts with variable speed fan, autosenesing, 85% PSU									
Machine	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 6.3" W X 16.6" D X 15.3" H (with handle)</li> <li>• 160mm W X 422mm D X 388mm H</li> <li>• 20.7 lb (9.4 kg) in maximum configuration</li> <li>• Handle on top front</li> <li>• Highlighted optical drive button for easy access</li> </ul>									
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk Bay 3: 3.5", 1" high, no access, std disk									
Slot	Slot 1: half-length, full-height, PCI Express® 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1									
										
	<b>Preloaded operating system</b> Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 8 Pro 64-bit									
	<b>Preloaded applications (only some listed)</b> - <b>Windows 7 models</b> <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Communication Utility</li> <li>• Lenovo® Message Center Plus</li> <li>• Lenovo SimpleTap</li> <li>• Adobe® Reader®</li> <li>• Windows Live™ Essentials</li> <li>• Corel® Burn.Now™ (DVD±RW)</li> <li>• Corel DVD MovieFactory® (DVD±RW)</li> </ul> - <b>Windows 8 models</b> <ul style="list-style-type: none"> <li>• Lenovo Support</li> <li>• Lenovo Companion</li> <li>• Lenovo Cloud Storage</li> <li>• Norton™ Studio</li> <li>• AccuWeather</li> <li>• Evernote®</li> <li>• Cyberlink Power2Go (DVD±RW)</li> <li>• Cyberlink PowerProducer (DVD±RW)</li> </ul> - <b>All models</b> <ul style="list-style-type: none"> <li>• ThinkVantage System Update</li> <li>• Lenovo Solution Center</li> <li>• View Management Utility</li> <li>• Norton Internet Security (30 days of virus definitions)</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Skype™</li> </ul>									
	<b>Security</b> <ul style="list-style-type: none"> <li>• One lock to secure both cover and entire system to fixed object:                             <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </li> <li>• Power-on password</li> <li>• Administrator password</li> <li>• Hard disk password</li> <li>• Boot sequence control</li> <li>• Boot without keyboard and mouse</li> <li>• Serial port I/O control</li> <li>• Individual USB port disablement</li> <li>• Chassis intrusion switch on selected model(s)</li> </ul>									
	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant									
Limited Warranty	<b>3-years, limited onsite service</b> , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available									
	Supports ThinkVantage Technologies									