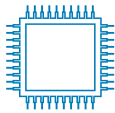# DELLTechnologies

OPTIPLEX 5090 TOWER, SMALL FORM FACTOR AND MICRO

Intelligent, mainstream desktops with right-sized performance & configurations.

IMPRESSIVELY POWERFUL

Built with up to 11th generation Intel® up to Core™ i7 processors and doubled max memory from previous generation provides better performance while running multiple or large applications. The 5090 tower is ready to deliver entry commercial VR content experiences with the latest NVIDIA™ 1660 Super and AMD® graphics.

SEE AND DO MORE

Drive up to a triple display set up with new Intel® Gen 12 graphics. Achieve better visuals for 3D rendering and 4K monitor use with discrete graphics support for 5090 micro. Connect with ease with two native DisplayPort interfaces with optional VGA, HDMI 2.0b, or USB Type-C® Alt mode.

FASTER USER EXPERIENCES

Select your top five apps and Dell Optimizer ExpressResponse will analyze and boost their performance. New ExpressConnect automatically joins the strongest access point and directs bandwidth to critical applications. Experience speedier multitasking, powerful data analytics and strong connectivity with integrated Intel® Wi-Fi 6 (WiFi 802.11ax).

SMART DESIGN

Sustainably built with a high ratio of post consumer recyclable (PCR) content and a design to keep your system cool, OptiPlex 5090 is a smart solution. Custom mounts and stands adapt to your workspace while the tool-less chassis provides easy serviceability. Protect your IT investment with TPM 2.0, optional chassis intrusion switch and lockable cable covers. EPEAT Gold and ENERGY STAR qualified on select configurations.

Recommended Accessories

OPTIPLEX 5090 TOWER, SMALL FORM FACTOR AND MICRO

CUSTOM STANDS AND MOUNTS

OPTIPLEX MICRO ALL-IN-ONE STAND

Small footprint mounting solution adapts to your environment, with cable management and monitor height adjustability, tilt, swivel and pivot functions.

OPTIPLEX MICRO ALL-IN-ONE MOUNT FOR DELL E SERIES MONITORS

This mount allows the Micro to be VESA mounted to select Dell E Series displays.

OPTIPLEX MICRO DUAL VESA MOUNT WITH ADAPTER BRACKET

Mount your system between two VESA compatible devices. Includes an adapter box to securely house the system's power adapter.

OPTIPLEX MICRO DVD+/-RW ENCLOSURE

Mount your system on a wall or under a surface with a VESA-compatible DVD+/-RW encolusure with full optical drive access. Includes an adapter box to securely house the system's power adapter.

OPTIPLEX MICRO VESA MOUNT WITH ADAPTER BRACKET

Mount your system on a wall or under a desk Includes an adapter box to securely house the system's power adapter.

DELL SINGLE MONITOR ARM | MSA20

Minimize your footprint with this arm that offers easy installation and enhanced adjustability while keeping cables neatly hidden from view.

OPTIPLEX SMALL FORM FACTOR ALL-IN-ONE STAND

Small footprint mounting solution featuring integrated monitor power and Ethernet cables, as well as monitor adjustability with height, tilt, swivel and pivot functions.

PURPOSE-BUILT SOLUTIONS

DELL 24 MONITOR | P2421D

Optimize your workspace with this efficient 23.8" monitor built with an ultrathin bezel, a small footprint and comfort-enhancing features.

DELL ULTRASHARP 24 MONITOR | U2422H

Take your work to new heights with this 23.8-inch FHD monitor with a wide color coverage. Features ComfortView Plus an always-on built-in low blue light screen, fast connectivity and transfer speeds.

DELL PROFESSIONAL SOUND BAR | AE515M

Optimize conference calls and multimedia streaming with exceptional audio clarity. Minimize background noise while on calls with the dual mic array and echo cancellation feature.

DELL PRO WIRELESS KEYBOARD AND MOUSE | KM5221W

Enhance your everyday productivity with a quiet full size keyboard and mouse combo that offers programmable shortcuts and 36 months battery life.

DELL WIRED MOUSE WITH FINGERPRINT READER | MS819

Wired mouse with fingerprint reader offers convenient and secure login and online access without passwords.

OPTIPLEX CABLE COVERS

Thermally tested custom cable covers offer an easy to install and attractive way to manage cables and secure ports.

OPTIPLEX DUST FILTERS

Custom dust filters safeguard internal components in factory, warehouse, or retail environments.

DELL PRO WIRED HEADSET | WH3022

Experience exceptional audio clarity with this Teams certified wired headset that allows you to wear the microphone on either side for a customized fit.

Workforce Modernization

It's more than a concept; it's our approach to modernizing your workforce. Our products, solutions and services support your IT team and help your employees work from home, the office, or a combination of both — simplifying and streamlining their work-life even if they're always on the move.

Dell Software & Services Solutions

END USER DEVICES

Provide the right device with the right software for any setting to give employees satisfaction and business perspective.

SUPPORT

Automatically detect and proactively prevent issues through predictive analytics. Use our AI-driven insights to resolve issues remotely or leave time-consuming support issues in our hands with 24x7 access to our hardware and software experts.

Enhanced efficiency

Actionable insights

Optimized experiences

DEPLOY

Quickly get employees to work and save valuable IT time by provisioning applications at the factory and shipping ready-to-use devices directly to employees wherever they work.

MANAGE

Take advantage of the console of your choice to set up, configure, monitor and update your entire endpoint fleet. Securely deliver and manage applications from the cloud, giving users smooth access to any device, including from other vendors.

SECURE

Use intelligent solutions that secure endpoints from both above and below the OS. Prevent, detect and remediate attacks. Detect outside attacks that have altered the BIOS. Encrypt sensitive data on devices and in the cloud. Protect credentials with built-in hardware.

aaS

You can enjoy modernization through different consumption models:
Traditional cash purchase outright or as fixed monthly plan with no upfront investment.

[1] Source: ESG Remote Work Report, 2020
[2] Source: Dell User Group Pulse Survey March 2020

Feature	OptiPlex 5090 Technical Specifications[1]
Processors[1]	**Tower, Small Form Factor:** 10th Generation Intel® Core™ i5-10400, 12MB Cache, 6 Core, 12 Treads, 2.9GHz to 4.3GHz, 65W 10th Generation Intel® Core™ i5-10500, 12MB Cache, 6 Core, 12 Treads, 3.1GHz to 4.5GHz, 65W 10th Generation Intel® Core™ i5-10600, 12MB Cache, 6 Core, 12 Treads, 3.3GHz to 4.8GHz, 65W 10th Generation Intel® Core™ i7-10700, 16MB Cache, 8 Core, 16 Treads, 2.9GHz to 4.8GHz, 65W 10th Generation Intel® Pentium™ Gold G6405, 4 MB Cache, 2 Core, 4 Threads, Up to 4.1 GHz, 58 W 10th Generation Intel® Pentium™ Gold G6505, 4 MB Cache, 2 Core, 4 Threads, Up to 4.2 GHz, 58 W 10th Generation Intel® Core™ i3-10105, 6 MB Cache, 4 Core, 8 Threads, 3.7 GHz to 4.4 GHz, 65 W 10th Generation Intel® Core™ i3-10305, 8 MB Cache, 4 Core, 8 Threads, 3.8 GHz to 4.5 GHz, 65 W 10th Generation Intel® Core™ i5-10505, 12 MB Cache, 6 Core, 12 Threads, 3.2 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11400, 12 MB Cache, 6 Core, 12 Threads, 2.6 GHz to 4.4 GHz, 65 W 11th Generation Intel® Core™ i5-11500, 12 MB Cache, 6 Core, 12 Threads, 2.7 GHz to 4.6 GHz, 65 W 11th Generation Intel® Core™ i5-11600, 12 MB Cache, 6 Core, 12 Threads, 2.8 GHz to 4.8 GHz, 65 W 11th Generation Intel® Core™ i7-11700, 16 MB Cache, 8 Core, 16 Threads, 2.5 GHz to 4.9 GHz, 65 W **Micro:** 10th Generation Intel® Core™ i5-10400T, 12MB Cache, 6 Core, 12 Treads, 2.0GHz to 3.6GHz, 35W 10th Generation Intel® Core™ i5-10500T, 12MB Cache, 6 Core, 12 Treads, 2.3GHz to 3.8GHz, 35W 10th Generation Intel® Core™ i5-10600T, 12MB Cache, 6 Core, 12 Treads, 2.4GHz to 4.0GHz, 35W 10th Generation Intel® Core™ i7-10700T, 16MB Cache, 8 Core, 16 Treads, 2.0GHz to 4.5GHz, 35W 10th Generation Intel® Core™ i3-10105T, 6 MB Cache, 4 Core, 8 Threads, 3 GHz to 3.9 GHz, 35 W 10th Generation Intel® Core™ i3-10305T, 8 MB Cache, 4 Core, 8 Threads, 3 GHz to 4 GHz, 35 W 10th Generation Intel® Pentium G6405T, 4 MB Cache, 2 Core, 4 Threads, 3.5 GHz, 35 W 10th Generation Intel® Pentium G6505T, 4 MB Cache, 2 Core, 4 Threads, 3.6 GHz, 35 W 11th Generation Intel® Core™ i5-11400T, 12 MB Cache, 6 Core, 12 Threads, 1.3 GHz to 3.7 GHz, 35 W 11th Generation Intel® Core™ i5-11500T, 12 MB Cache, 6 Core, 12 Threads, 1.5 GHz to 3.9 GHz, 35 W 11th Generation Intel® Core™ i5-11600T, 12 MB Cache, 6 Core, 12 Threads, 1.7 GHz to 4.1 GHz, 35 W 11th Generation Intel® Core™ i7-11700T, 16 MB Cache, 8 Core, 16 Threads, 1.4 GHz to 4.6 GHz, 35 W
Chipset	Intel® Q570 Chipset
Operating System Options[1]	Windows 10 Home, 64-bit Windows 10 IoT Enterprise 2019 LTSC (OEM only) Windows 10 Pro, 64-bit Windows 10 Pro Education, 64-bt Kylin Linux Desktop version 10.1 (China only) Ubuntu® Linux® 20.04 LTS, 64-bit Windows 10 CMIT Government Edition 64-bit (China only)
Video Card[2,14]	**Tower:** Intel® UHD Graphics 610 for 10th Generation Intel® Pentium® Gold G6405 processors Intel® UHD Graphics 630 for 10th Generation Intel® Pentium® Gold G6505 and 10th Generation Intel® Core™ i3/i5/i7 processors Intel® UHD Graphics 730 for 11th Generation Intel® Core™ i5-11400 processors Intel® UHD Graphics 750 for 11th Generation Intel® Core™ i5/i7 processors NVIDIA® GeForce® GTX 1660 Super™, 6 GB, GDDR6 (optional) AMD Radeon™ RX640, 4 GB, GDDR5 (optional) AMD Radeon™ 550, 2GB, GDDR5 (optional) AMD Radeon™ 540, 1GB, GDDR5 (optional) **Small Form Factor:** Intel® UHD Graphics 610 for 10th Generation Intel Pentium G6405 processor Intel® UHD Graphics 630 for 10th Generation Intel Pentium G6505 and Intel Core i3/i5/i7 processors Intel® UHD Graphics 730 for 11th Generation Intel Core i5-11400 processor Intel® UHD Graphics 750 for 11th Generation Intel Core i5/i7 processors AMD Radeon™ RX640, 4 GB, GDDR5 (optional) AMD Radeon™ 550, 2GB, GDDR5 (optional) AMD Radeon™ 540, 1GB, GDDR5 (optional) **Micro:** Intel® UHD Graphics 610 for 10th Generation Intel® Pentium® Gold G6405T processors Intel® UHD Graphics 630 for 10th Generation Intel® Pentium® Gold G6505T and 10th Generation Intel® Core™ i3/i5/i7 processors Intel® UHD Graphics 730 for 11th Generation Intel® Core™ i5-11400T processors Intel® UHD Graphics 750 for 11th Generation Intel® Core™ i5/i7 processors
Memory[2,3]	**Tower:** 4 GB, 1 x 4 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 8 GB, 1 x 8 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 8 GB, 2 x 4 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors

Feature	OptiPlex 5090 Technical Specifications[1]
Memory[1,2,3]	**Tower**: 16 GB, 1 x 16 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 16 GB, 2 x 8 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 16 GB, 4 x 4 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 32 GB, 1 x 32 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 32 GB, 2 x 16 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 32 GB, 4 x 8 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 64 GB, 2 x 32 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 64 GB, 4 x 16 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 128 GB, 4 x 32 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7 and 11th Generation Intel Core i5/i7 processors **Note**: The Memory speed varies by different type of DPC (DIMM per Channel) installation. **Small Form Factor**: 4 GB, 1 x 4 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 8 GB, 1 x 8 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 8 GB, 2 x 4 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 16 GB, 1 x 16 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 16 GB, 2 x 8 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 16 GB, 4 x 4 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 32 GB, 1 x 32 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 32 GB, 2 x 16 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 32 GB, 4 x 8 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 64 GB, 2 x 32 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 64 GB, 4 x 16 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 128 GB, 4 x 32 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7 and 11th Generation Intel Core i5/i7 processors **Micro**: 4 GB, 1 x 4 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 8 GB, 1 x 8 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 8 GB, 2 x 4 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 16 GB, 1 x 16 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 16 GB, 2 x 8 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 32 GB, 1 x 32 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 32 GB, 2 x 16 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors 64 GB, 2 x 32 GB, DDR4, 2666 MHz for Intel Pentium and 10th Generation Intel Core i3/i5, 2933 MHz for 10th Generation Intel Core i7, 3200 MHz for 11th Generation Intel Core i5/i7 processors
Wireless[1,4]	Intel® AX201, 2x2 MIMO, 2.40 Gbps, 2.40 Ghz/5 GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth 5.1 Qualcomm QCA9377, 1x1, 433 Mbps, 2.40/5 GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth 5.0 Qualcomm QCA61x4A, 2x2, MIMO, 867 Mbps, 2.40 Ghz/5 GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth 5.0

Feature	OptiPlex 5090 Technical Specifications[1]
Ports[16]	**Tower**: **Front**: 2 USB 2.0 ports 1 USB 3.2 Gen 1 Type-A port 1 USB 3.2 Gen 2 Type-C® port 1 Universal Audio Jack **Rear**: 2 USB 2.0 ports with Smart Power On 4 USB 3.2 Gen 1 Type-A port 1 RJ45 Ethernet port 1 re-tasking Line out/Line in audio port 2 DisplayPort 1.4 ports 1 VGA Port/DisplayPort 1.4 Port/HDMI 2.0b Port/ USB 3.2 Gen2 Type-C® Port with Alt-mode (optional) 1 Serial and 2 PS2 slot (optional) **Small Form Factor**: **Front**: 1 USB 3.2 Gen 1 Type-A port 1 USB 2.0 ports with PowerShare 1 USB 2.0 ports 1 USB 3.2 Gen 2 Type-C port 1 universal audio port **Rear**: 4 USB 3.2 Gen 1 Type-A ports 2 USB 2.0 ports 1 re-tasking Line out/Line in audio port 2 DisplayPort 1.4 ports 1 RJ45 Ethernet port **Optional Modules**: 1 VGA port 1 DisplayPort 1.4 port 1 HDMI 2.0b port 1 Serial/PS2 port 1 USB 3.2 Gen 2 type-C port with DisplayPort Alt Mode/Power delivery **Micro**: **Front**: 1 Universal Audio Jack 1 re-tasking Line-in/Line out audio port 1 USB 3.2 Gen 2x1 Type-C® port 1 USB 3.2 Gen 1 Type-A port with PowerShare **Rear**: 1 RJ45 Ethernet port 1 Serial/Video port with Serial port/PS2 port/VGA port/DisplayPort 1.4 port/HDMI 2.0 Port/USB 3.2 Gen2 Type-C® Port with DP Alt-mode (optional) 1 USB 3.2 Gen 1 Type-A port 1 USB 3.2 Gen 1 Type-A port with Smart Power on 2 USB 3.2 Gen 1 Type-A ports 2 DisplayPort 1.4 ports
Optical Drive	**Tower:** 8x DVD-ROM, 8x DVD+/-RW; **Small Form Factor:** 8x DVD+/-RW (Optional); **Micro:** Dell OptiPlex Micro DVD/RW Enclosure Mount
Slots	**Tower**: 1 SD-card slot (optional) 1 full-height Gen 3 PCIe x16 slot 1 full-height Gen 3 PCIe x4 slot openend 2 full-height PCIe x1 slots 1 M.2 2230 slot for Wi-Fi and Bluetooth card 1 M.2 2230/2280 slot for SSD 4 SATA slots for 2.5-inch HDD/SSD, and slim Optical Drive **Small Form Factor**: 1 half-height Gen 3 PCIe x16 slot 1 half-height Gen 3 PCIe x4 slot 1 M.2 2230 slot for WiFi and Bluetooth card 1 M.2 2230/2280 slot for solid-state drive/Intel Optane 3 SATA 3.0 slots for 3.5/2.5-inch hard drive, slim optical drive 1 SD 4.0 card slot (optional) **Micro**: 1 M.2 2230 slot for Wi-Fi and Bluetooth card 1 M.2 2230/2280 slot for SSD/Intel Optane 1 SATA slot for 2.5-inch hard drive 1 Kensington cable-lock slot

Feature	OptiPlex 5090 Technical Specifications[1]
Primary Hard Drive[1,5]	**Tower:** 2.5-inch, 500 GB, 5400 RPM, SATA HDD 2.5-inch, 1 TB, 5400 RPM, SATA HDD 2.5-inch, 2 TB, 5400 RPM, SATA HDD 2.5-inch, 500 GB, 7200 RPM, SATA HDD 2.5-inch, 1 TB, 7200 RPM, SATA HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS 3.5-inch, 500 GB, 7200 RPM, SATA, HDD 3.5-inch, 1 TB, 7200 RPM, SATA, HDD 3.5-inch, 2 TB, 7200 RPM, SATA, HDD 3.5-inch, 4 TB, 5400 RPM, SATA, HDD M.2 2230, 128 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 256 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 512 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 2 TB, PCIe NVMe Gen4 x4, Class 40 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive **Small Form Factor:** 2.5-inch, 500 GB, 5400 RPM, SATA, HDD 2.5-inch, 1 TB, 5400 RPM, SATA, HDD 2.5-inch, 2 TB, 5400 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD 2.5-inch, 1 TB, 7200 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS 3.5-inch, 500 GB, 5400 RPM, SATA, HDD 3.5-inch, 1 TB, 7200 RPM, SATA, HDD 3.5-inch, 2 TB, 7200 RPM, SATA, HDD 3.5-inch, 4 TB, 7200 RPM, SATA, HDD M.2 2230, 128 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 256 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 512 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive
Primary Hard Drive[1,5]	**Micro:** 2.5-inch, 1 TB, 5400 RPM, SATA, HDD 2.5-inch, 2 TB, 5400 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD 2.5-inch, 1 TB, 7200 RPM, SATA, HDD 2.5-inch, 500 GB, 7200 RPM, SATA, HDD, Self-Encrypting, Opal 2.0, FIPS 2.5-inch, 500 GB, 5400 RPM, SATA, HDD M.2 2230, 128 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 256 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2230, 512 GB, PCIe NVMe Gen3 x4, Class 35 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD M.2 2280, 2 TB, PCIe NVMe Gen4 x4, Class 40 SSD M.2 2280, 256 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 512 GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive M.2 2280, 1 TB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive **Intel Optane Memory for Tower, Small Form Factor and Micro:** Intel® Optane™ Memory H20 32 GB with 512 GB SSD

Feature	OptiPlex 5090 Technical Specifications[1]
Dimensions	**Tower:** **US Dimensions** Front Height: 12.77 in. (324.30 mm) Rear Height: 12.77 in. (324.30 mm) Width 6.60 in. (154 mm) Depth 11.54 in. (293.00 mm) Weight (min): 11.07 lb (5.03 kg) Weight (max): 15.95 lb (7.24 kg) **ROW Dimensions** Front Height: 324.30 mm (12.77 in.) Rear Height: 324.30 mm (12.77 in.) Width: 154.00 mm (6.06 in.) Depth: 292.00 mm (11.5 in.) Weight (min): 5.90 kg (13.01 lb) Weight (max): 7.21 kg (15.90 lb) **India Dimensions** Front Height: 324.30 mm Rear Height: 292.00 mm Width: 154.00 mm Depth: 292.00 mm Weight (min): 5.90 kg Weight (max): 7.21 kg **Small Form Factor:** **US Dimensions** Height: 11.42 in. (290.00 mm) Width 3.65 in. (92.6 mm) Depth 11.53 in. (292.80 mm) Weight (min): 9.77 lb (4.43 kg) Weight (max): 12.53 lb (5.66 kg) **ROW Dimensions** Height: 290 mm (11.42 in.) Width: 92.60 mm (3.65 in.) Depth: 292.80 mm (11.53 in.) Weight(minimum): 4.43 kg (9.76 lb) Weight(maximum): 5.65 kg (12.53 lb) **India Dimensions** Height: 290 mm Width: 92.60 mm Depth: 292.80 mm Weight(minimum): 4.43 kg Weight(maximum): 5.65 kg **Micro:** **US Dimensions** Height: 7.2 in. (183.00 mm) Width 1.4 in. (36.00 mm) Depth 7.0 in. (178.50 mm) Weight (min): 2.56 lb (1.16 kg) Weight (max): 2.83 lb (1.28 kg) **ROW Dimensions** Height: 182 mm (7.16 in.) Width: 178.50 mm (7.02 in.) Depth: 36 mm (1.41 in.) Weight: 1.17 kg (2.58 lb) **India Dimensions** Height: 182 mm Width: 178.50 mm Depth: 36 mm Weight: 1.17 kg
Power	**Tower:** 260 W typical 85% Efficient PSU, 80 Plus Bronze 300 W typical 92% Efficient PSU, 80 Plus Platinum 360 W typical 92% Efficient PSU, 80 Plus Platinum **Small Form Factor:** 300 W typical 92% Efficient PSU, 80 Plus Platinum 200 W typical 85% Efficient PSU, 80 Plus Bronze **Micro:** 90 W AC adapter, 4.5 mm barrel for 35 W CPU (<=6C) 130 W AC adapter, 4.5 mm barrel for 35 W CPU (8C)
Hardware Security	1 Kensington security-cable slot 1 Padlock loop Chassis lock slot support Chassis intrusion switch Lockable cable covers Supply chain tamper alerts SafeID including Trusted Platform Module (TPM) 2.0 Smart card keyboard (FIPS) Microsoft 10 Device Guard and Credential Guard (Enterprise SKU) Microsoft Windows Bitlocker Local hard drive data wipe through BIOS (Secure Erase) Self-encrypting storage drives (Opal, FIPS) Trusted Platform Module TPM 2.0 China TPM Intel Secure Boot Intel Authenticate **SafeBIOS**: includes Dell Off-host BIOS Verification, BIOS Resilience, BIOS Recovery, and additional BIOS Controls

Features & Technical Specifications

OPTIPLEX 5090 TOWER, SMALL FORM FACTOR AND MICRO

Feature	OptiPlex 5090 Technical Specifications[1]
Recommended accessories	**Monitors**: Qualified with select Dell UltraSharp, Professional, and E-series monitors **Keyboards**: Dell Premier Multi-Device Wireless Keyboard and Mouse, Dell wired keyboard with multimedia functionality, Dell Smart Card keyboard, Dell wireless keyboard **Mouse**: Dell wired mouse, Dell wireless mouse, Dell Laser mouse, Dell Wired Fingerprint Reader Mouse **Audio Speakers**: Internal Dell Business audio speaker, Dell stereo speaker systems; Dell sound bar for select flat-panel displays. Dell Wireless Speaker System **Audio Headsets**: Dell Pro Stereo headsets **Micro Mounting Options**: Micro Vertical Stand, Micro VESA Mount, Micro Dual VESA Mount, Micro All-in-One Stand, Micro All-in-One Mount for E Series Displays, Micro DVD+/-RW Enclosure **Small Form Factor Mounting Option**: Small Form Factor All-in-One Stand
Productivity Software	Microsoft® Office 30 Day Trial, Microsoft® Office Home and Business 2019, Microsoft® Office Professional 2019
Audio and Speakers[1]	**Tower & Micro::** Stereo speakers with Waves MaxxAudio® Pro, 2 W x 2 = 4 W total **Small Form Factor:** Mono speaker with Waves MaxxAudio®, 2 W
Systems Management Options[9]	Dell Client Command Suite for In-Band systems management Intel® Standard Manageability
Regulatory[9,10]	ENERGY STAR qualified configurations available EPEAT Registered configurations available TCO 8.0 certified configurations available CEL WEEE Japan Energy Law South Korea E-standby EU RoHS China RoHS
Warranty	3 years hardware warranty with on-site service after remote diagnosis 4 years hardware warranty with on-site service after remote diagnosis 5 years hardware warranty with on-site service after remote diagnosis 3 years ProSupport with Next Business Day on-site service 4 years ProSupport with Next Business Day on-site service 5 years ProSupport with Next Business Day on-site service 3 years ProSupport Plus with Next Business Day on-site service 4 years ProSupport Plus with Next Business Day on-site service 5 years ProSupport Plus with Next Business Day on-site service
Accidental Damage Services[11]	3 years Accidental Damage Service, 4 years Accidental Damage Service, 5 years Accidental Damage Service
Configuration Services	Factory image load, BIOS customization, Hardware customization, Asset Tagging and Reporting

DELLTechnologies

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Intelligent, mainstream desktops with right-sized performance & configurations.

Discover professional class desktops at www.dell.com/OptiPlex

1. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Technical Guidebook published on www.dell.com/support.

2. System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.

3. 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.

4. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality

5. Storage Option: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

6. TPM is available in selected regions.

7. Computrace: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at www.lojackforlaptops.com.

8. Please refer to www.epeat.net for specific country registration rating and participation.

9. Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.

10. on-site service after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty (www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.

11. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.

12. For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information www.dell.com/support/home/us/en/19.