

# **OPTIPLEX**

# XE4 TOWER / SMALL FORM FACTOR

OEM XE, OEM-Ready & OEM Industrialized

Intelligent, industrial-grade desktops built for ultimate stability, expandability and performance.



OPTIPLEX Spec Sheet







OEM-Ready

XE4
TOWER / SMALL
FORM FACTOR

# OEM XE

Sharpen your competitive edge. Focus on innovation versus technology churn with a nine-month managed product transition with static CPU stability and six months in-advance visibility to key component changes.

# **OEM Ready**

Expand your presence and create an optimal customer experience fast with tier-1, globally available, unbranded hardware and software right off the shelf that you can easily rebrand with your own logo.

# OFM Industrialized

Tackle compute at the edge with industrialgrade durability and industry certifications, right out of the box, for those unique and tough jobs beyond the desktop and data center.



# **OEM** equipped

Takes stability to a new level with OEM XE providing longevity, stability and visibility on top of the long-committed life cycle of minimum three-and-a-half-year purchase life cycle ideal for industrial use. An OEM-Ready version, that is unbranded, is also available for OEM use.



# Vertical industry ready

Ideal for a variety of verticals including healthcare, industrial control, and retail with native support for up to 4 displays without the need for additional graphics cards. A perfect fit for OEM use cases where the solution is sensitive to transitions and product change.





# Built tough

The XE4 is designed to run in corrosive and high heat settings up to 45° C ambient. It is Marine certified and stands up to rigorous testing including MIL-STD 810G.



# Improved performance

Intel vPro® with 12th Gen Intel® Core™ i9 65W processors deliver business-class performance that accelerates productivity while minimizing security risks by leveraging technologies deep in the silicon¹. All new DDR⁵ memory on the tower for better performance for heavy workloads, great for cloud applications. VR-ready Best in class 225W graphics supports VR consumption - ideal for training, retail and healthcare environments⁴.

# **XE4** Tower / Small Form Factor

# FEATURE TECHNICAL SPECIFICATION

### MODEL NUMBER<sup>1</sup> OptiPlex XF4 Tower

PROCESSOR OPTIONS<sup>1</sup> Intel® Pentium® Gold G7400, 6MB cache, 2 cores, 4 threads, up to 3.70GHz, 46W

12th Generation Intel® Core™ i3-12100, 12MB cache, 4 cores, 8 threads, 3.30GHz to 4.30GHz, 60W 12th Generation Intel® Core™ i3-12300, 12MB cache, 4 cores, 8 threads, 3.50GHz to 4.40GHz, 60W 12th Generation Intel® Core™ i5-12400, 18MB cache, 6 cores, 12 threads, 2.50GHz to 4.40GHz, 65W 12th Generation Intel® Core™ i5-12500 vPro®, 18MB cache, 6 cores, 12 threads, 3.00GHz to 4.60GHz, 65W 12th Generation Intel® Core™ i5-12600 vPro®, 18MB cache, 6 cores, 12 threads, 3.30GHz to 4.80GHz, 65W 12th Generation Intel® Core™ i7-12700 vPro®, 25MB cache, 12 cores, 20 threads, 2.10GHz to 4.90GHz, 65W 12th Generation Intel® Core™ i9-12900 vPro® 30MB cache

## OPERATING SYSTEM<sup>1</sup>

Windows 11 Home, 64-bit Windows 11 Pro, 64-bit

Windows 11 Downgrade (Windows 10 image) Windows 11 Pro National Education, 64-bit Ubuntu® Linux® 20.04 LTS, 64-bit

16 cores, 24 threads, 2.40GHz to 5.10GHz, 65W

### MEMORY OPTIONS<sup>1,2,3</sup>

8GB, 1 x 8GB, DDR5, 4400MHz, single-channel 16GB, 1 x 16GB, DDR5, 4400MHz, single-channel 16GB, 2 x 8GB, DDR5, 4000MHz, dual-channel 32GB, 1 x 32GB, DDR5, 4400MHz, single-channel 32GB, 2 x 16GB, DDR5, 4000MHz, dual-channel 32GB, 4 x 8GB, DDR5, 4000MHz, dual-channel 64GB, 2 x 32GB, DDR5, 3600MHz, dual-channel 64GB, 4 x 16GB, DDR5, 4000MHz, dual-channel 128GB, 4 x 32GB, DDR5, 3600MHz, dual-channel

# PRIMARY HARD DISK DRIVE<sup>1,5</sup>

2.5-inch, 500GB, 7200RPM, SATA, HDD 2.5-inch, 500GB, 7200RPM, SATA, HDD, Self-Encrypting,

2.5-inch, 1TB, 5400RPM, SATA, HDD 2.5-inch, 2TB, 5400RPM, SATA, HDD 2.5-inch, 1TB, 7200RPM, SATA, HDD 2.5-inch, 11B, /2U0RFM, SAIA, HDD 2.5-inch, 21E, 7200RPM, SATA, HDD 3.5-inch, 11B, 7200RPM, SATA, HDD 3.5-inch, 21B, 7200RPM, SATA, HDD 3.5-inch, 41B, 5400RPM, SATA, HDD M.2 2230, 256GB, PCIe NVMe Gen3 x4, SSD, Class 35

M.2 2230, 256GB, PCIe NVMe Gen3 x4, SSD, Class 35,

Self-Encrypting, Opal 2.0, FIPS M.2 2230, 512GB, PCIe NVMe Gen3 x4, SSD, Class 35 M.2 2280, 512GB, PCIe NVMe Gen3 x4, SSD, Class 40,

Self-Encrypting, Opal 2.0, FIPS M.2 2280, 512GB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 512GB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 512GB, PCIe NVMe Gen3 x4, SSD, Class 40 M.2 2230, 1TB, PCIe NVMe Gen3 x4, SSD, Class 35 M.2 2280, 1TB, PCIe NVMe Gen3 x4, SSD, Class 40,

Self-Encrypting, Opal 2.0, FIPS
M.2 2280, 1TB, PCIe NVMe Gen4 x4, SSD, Class 40
M.2 2280, 2TB, PCIe NVMe Gen4 x4, SSD, Class 40

# GRAPHICS

Intel® UHD Graphics 710 for Intel® Pentium® Gold G7400 processor

Intel® UHD Graphics 730 for 12th Generation Intel® Core™ i3-12100, i3-12300, and i5-12400 processors Intel® UHD Graphics 770 for 12th Generation Intel® Core® i5-12500, i5-12600, i7-12700, and i9-12900 processors NVIDIA® GeForce® RTX 3070, 8GB GDDR6 (optional) AMD Radeon™ S40, 4GB GDDR5 (optional)
AMD Radeon™ 550, 2GB GDDR5 (optional)
AMD Radeon™ 540, 1GB GDDR5 (optional)

(SOLD SEPARATELY)

DISPLAY Dell commercial displays including E series, Professional P series, UltraSharp, and collaboration monitors

CASE COLOR Dell Standard Black

# PRODUCTIVITY SOFTWARE<sup>1</sup>

Microsoft Office 30-day trial Microsoft Office Home and Business 2019 Microsoft Office Professional 2019 Dell Hybrid Client 1.6 (optional) Dell Optimizer 3.0

# TECHNICAL SPECIFICATION

XF4 Small Form Factor

Intel® Pentium® Gold G7400, 6MB cache, 2 cores, 4 threads, Up to 3.70GHz, 46W

12th Generation Intel® cores™ i3-12100, 12MB cache, 4 cores, 8 threads, 3.30GHz to 4.30GHz, 60W 12th Generation Intel® cores™ i3-12300, 12MB cache, 4 cores, 8 threads, 3.50GHz to 4.40GHz, 60W 12th Generation Intel® cores™ i5-12400, 18MB cache, 6 cores, 12 threads, 2.50GHz to 4.40GHz, 65W 12th Generation Intel® cores™ i5-12500 vPro®, 18MB cache, 6 cores, 12 threads, 3.00GHz to 4.60GHz, 65W 12th Generation Intel® cores™ i5-12600 vPro®, 18MB cache, 6 cores, 12 threads, 3.30GHz to 4.80GHz, 65W 12th Generation Intel® cores™ i7-12700 vPro®, 25MB cache, 12 cores, 20 threads, 2.10GHz to 4.90GHz, 65W 12th Generation Intel® cores™ i9-12900 vPro®, 30MB

cache, 16 cores, 24 threads, 2.40GHz to 5.10GHz, 65W

Windows 11 Home, 64-bit Windows 11 Pro, 64-bit Windows 11 Downgrade (Windows 10 image) Windows 11 Pro National Academic, 64-bit Ubuntu® Linux® 20.04 LTS, 64-bit

4GB, 1 x 4GB, DDR4, 3200MHz, single-channel 8GB, 1 x 8GB, DDR4, 3200MHz, single-channel 8GB, 2 x 4GB, DDR4, 3200MHz, dual-channel 16GB, 1 x 16GB, DDR4, 3200MHz, single-channel 16GB, 2 x 8GB, DDR4, 3200MHz, dual-channel 16GB, 4 x 4GB, DDR4, 3200MHz, dual-channel 32GB, 1 x 32GB, DDR4, 3200MHz, single-channel 32GB, 2 x 16GB, DDR4, 3200MHz, dual-channel 32GB, 4 x 8GB, DDR4, 3200MHz, dual-channel 64GB, 2 x 32GB, DDR4, 3200MHz, dual-channel 64GB, 4 x 16GB, DDR4, 3200MHz, dual-channel 128GB, 4 x 32GB, DDR4, 3200MHz. dual-channel

2.5-inch, 500GB, 7200RPM, SATA, HDD 2.5-inch, 500GB, 7200RPM, SATA, HDD, Self-Encrypting

2.5-inch, 1TB, 5400RPM, SATA, HDD 2.5-inch, 2TB, 5400RPM, SATA, HDD 2.5-inch, 1TB, 7200RPM, SATA, HDD

2.5-inch, 2TB, 7200RPM, SATA, HDD 3.5-inch, 1TB, 7200RPM, SATA, HDD

3.5-inch, 2TB, 7200RPM, SATA, HDD 3.5-inch, 4TB, 5400RPM, SATA, HDD M.2 2230, 256GB, PCIe NVMe Gen3 x4, Class 35 SSD

M.2 2230, 256GB, PCle NVMe Gen3 x4, Class 35 SSD, Self-Encrypting Opal 2.0, FIPS M.2 2230, 512GB, PCIe NVMe Gen3 x4, Class 35 SSD

M.2 2280, 512GB, PCIe NVMe Gen4 x4, Class 40 SSD M.2 2280 512GB, PCIe NVMe Gen3 x4, Class 40 SSD,

Self-Encrypting Opal 2.0, FIPS
M.2 2280 1TB, PCIe NVMe Gen3 x4, Class 35 SSD
M.2 2280 1TB, PCIe NVMe Gen4 x4, Class 40 SSD M.2 2280, 1TB, PCIe NVMe Gen3 x4, Class 40 SSD, Self-Encrypting Opal 2.0, FIPS

M.2 2280, 2TB, PCIe NVMe Gen3 x4, Class 40 SSD

# Intel® UHD Graphics 710 for Intel® Pentium® Gold G7400

. Intel® UHD Graphics 730 for 12th Generation Intel® Core™ i3-12100, i3-12300, and i5-12400 processors Intel® UHD Graphics 770 for 12th Generation Intel® Core® i5-12500, i5-12600, i7-12700, and i9-12900 processors AMD Radeon™ RX 640, 4GB GDDR5, low profile AMD Radeon™ 540, 1GB GDDR5, low profile AMD Radeon™ 550, 2GB GDDR5, low profile

Dell commercial displays including E series, Professional P series, UltraSharp, and Collaboration monitors

Dell Standard Black

Microsoft Office 30-day trial Microsoft Office Home and Business 2019 Microsoft Office Professional 2019 Dell Hybrid Client 1.5 (optional) Dell Optimizer 3.0 Intel Unite® solution (optional)

# **XE4** Tower / Small Form Factor

# FEATURE TECHNICAL SPECIFICATION

### MODEL NUMBER<sup>1</sup> OptiPlex XF4 Tower

## SECURITY SOFTWARE

McAfee® Small Business Security 30-day free trial McAfee® Small Business Security 12-month subscription McAfee® Small Business Security 36-month subscription Intel Guard Technologies & Secure Key: Software Guard (SGX), Data Guard (vPro only), Boot Guard, BIOS Guard (Core CPU's only), OS Guard (Core CPU's only) and Secure Key (i5 or greater only)
Intel Runtime BIOS Resilience (Copper Point) with

attestation via Nifty Rock + Intel TX

Support of Absolute Persistent Module BIOS agent v2 OpenXT validation required

SafeGuard and Response, powered by VMware Carbon

Black and Secureworks Next Generation Antivirus (NGAV) Endpoint Detection and Response (EDR) Threat Detection and Response (TDR)
Managed Endpoint Detection and Response Incident Management Retainer

Emergency Incident Response SafeData

### WARRANTY<sup>9,10</sup>

3-year basic warranty with hardware service on-site service after remote diagnosis

4-year basic warranty extension

5-year basic warranty extension 3-year ProSupport with Next Business Day on-site service 4-year ProSupport with Next Business Day on-site service 5-year ProSupport with Next Business Day on-site service 3-year ProSupport Plus for Client with Next Business Day

4-year ProSupport Plus for Client with Next Business Day

5-year ProSupport Plus for Client with Next Business Day on-site service

# ACCIDENTAL DAMAGE

**SERVICES** 

3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service

# KEYBOARD1 N/A

# PORTS Front:

USB 3.2 Gen 2x2 Type-C<sup>®</sup> port USB 2.0 port with PowerShare USB 2.0 port USB 3.2 Gen 2 port Universal audio jack

(3) USB 3.2 Gen 1 ports USB 3.2 Gen 2 port (2) USB 2.0 ports with Smart Power On

RJ45 Ethernet port
Re-tasking line out/line in audio port
(3) DisplayPort 1.4a ports

Optional video port (HDMI 2.0b/DisplayPort 1.4a/VGA/ USB Type-C® with DisplayPort Alt mode)

Serial/PS2 port (optional) Header for remote power button

# OPTICAL DRIVE

8x DVD-ROM (optional) 8x DVD+/-RW (optional)

Kensington security-cable slot Padlock ring SD-card slot (optional) Full-height Gen 4 PCle x16 slot Full height Gen 3 PCle x4 open-end slot Full-height PCl-32 slot

Full-height Gen 3 PCle x1 slot M.2 2230 slot for Wi-Fi and Bluetooth card (3) M.2 2230/2280 slots for SSD

(4) SATA slots for 3.5-inch/2.5-inch HDD/SSD, and slim Optical Drive

# **DIMENSIONS US:**

Height: 14.45in. (367.00mm) Width: 6.65in. (169.00mm) Depth: 11.84in. (300.80mm) Weight (minimum): 14.13lbs. (6.41kg) Weight (maximum): 21.03lbs. (9.54kg)

# Rest of world:

Height: 367.00mm (14.45in.) Width: 169.00mm (6.65in.) Depth: 300.80mm (11.84in.) Weight (minimum): 6.41kg (14.13lbs.) Weight (maximum): 9.54kg (21.03lbs.)

# CAMERA No camera

# TECHNICAL SPECIFICATION

XF4 Small Form Factor

McAfee® Small Business Security 30 Day Free Trial McAfee® Small Business Security 12-month subscription McAfee® Small Business Security 36-month subscription Intel Guard Technologies & Secure Key: Software Guard (SGX), Data Guard (vPro only), Boot Guard, BIOS Guard (cores CPU's only), OS Guard (cores CPU's only) and Secure Key (i5 or greater only)
Intel Runtime BIOS Resilience (Copper Point) with attestation via Nifty Rock + Intel TX1 Support of Absolute Persistent Module BIOS agent v2 OpenXT validation required SafeGuard and Response, powered by VMware Carbon Black and Secureworks Next Generation Antivirus (NGAV) Endpoint Detection and Response (EDR) Threat Detection and Response (TDR)
Managed Endpoint Detection and Response

3-year basic warranty with hardware service on-site service after remote diagnostics

4-year basic warranty extension

Incident Management Retainer

Emergency Incident Response

5-year basic warranty extension 3-year ProSupport with Next Business Day on-site service 4-year ProSupport with Next Business Day on-site service 5-year ProSupport with Next Business Day on-site service 3-year ProSupport Plus for Client with Next Business Day on-site service

4-year ProSupport Plus for Client with Next Business Day

5-year ProSupport Plus for Client with Next Business Day on-site service

3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service

# Front:

USB 3.2 Gen 2x2 Type-C<sup>®</sup> port USB 3.2 Gen 2 port USB 2.0 port with PowerShare USB 2.0 port Universal audio jack

(3) USB 3.2 Gen 1 ports USB 3.2 Gen 2 port (2) USB 2.0 ports with Smart Power On RJ45 Ethernet port Re-tasking line-out/line-in audio port (3) DisplayPort 1.4 ports Optional video port (HDMI 2.0b/DisplayPort 1.4/VGA/USB 3.2 Gen 2 Type-C® port with DisplayPort Alt Mode) Serial/PS2 port (optional) Header for remote power button

8x DVD-ROM (optional) 8x DVD+/-RW (optional)

Kensington security-cable slot Padlock ring SD-card slot (optional) Half-height Gen 4 PCle x16 slot Half-height Gen 3 PCle x4 open-end slot M.2 2230 slot for WiFi and Bluetooth card (3) M.2 2230/2280 slots for SSD (3) SATA slots for 3.5/2.5-inch HDD, slim optical drive

Height: 11.42in. (290.00mm) Width: 3.65in. (92.60mm) Depth: 11.53in. (292.80mm) Weight (minimum): 9.27lbs. (4.20kg) Weight (maximum): 12.42lbs. (5.63kg)

# Rest of world:

Height: 290.00mm (11.42in.) Width: 92.60mm (3.65in.) Depth: 292.80mm (11.53in.) Weight (minimum): 4.20kg (9.27lbs.) Weight (maximum): 5.63kg (12.42lbs.)

# **XE4** Tower / Small Form Factor

# FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER<sup>1</sup> OptiPlex XF4 Tower

AUDIO & SPEAKERS<sup>1</sup> Realtek Audio Controller, ALC3246-CG

Internal speakers (optional)

CHASSIS N/A

Intel® AX211, 2x2 MIMO, 2400Mbps, WIRELESS

2.40GHz/5GHz/6GHz, Wi-Fi 6E (WiFi 802.11ax), Bluetooth® 5.2

Intel® 9462, 1x1, 433Mbps, 2.40GHz/5GHz, Wi-Fi 5 (802.11ac), Bluetooth® 5.1 MediaTek® MT7921, 2x2 MIMO, 1200Mbps,

2.40GHz/5GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth® 5.2

BATTERY No battery

POWER 500W internal power supply unit (PSU), 92% Efficient, 80 Plus Platinum

REGULATORY8,12 Product Safety, EMC and Environmental Datasheets:

https://www.dell.com/learn/us/en/uscorp1/productinfo-

datasheets-safety-emc-environmental

Dell Regulatory Compliance Home Page:

https://www.dell.com/learn/us/en/uscorp1/ regulatory-compliance?s=corp

Dell and the Environment:

https://corporate.delltechnologies.com/en-us/ socialimpact/advancing-sustainability/sustainable-supplychain/environment.htm

CHIPSET Intel® Q670

HARDWARE SECURITY Kensington security-cable slot

Padlock loop Chassis lock slot support Chassis intrusion switch Lockable cable covers Supply chain tamper alerts

SafelD 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

RECOMMENDED **ACCESSORIES** 

Keyboard and Mouse:

Dell Business Multimedia Keyboard - KB522

Dell Smartcard Keyboard - KB813

Dell Multi-Device Wireless Keyboard and Mouse Combo KM7120W

Dell Multimedia Keyboard - KB216

Dell Premier Multi-Device Wireless Keyboard and Mouse

KM7321W

Dell Pro Wireless Keyboard and Mouse - KM5221W

Audio and Speakers:

Dell Slim Soundbar - SB521A

Audio Headsets:

Dell Pro Stereo Headset - WH3022

SYSTEMS MANAGEMENT Dell Client Command Suite for In-Band systems

management
Intel Standard Management for Out-of-Band systems

management

**CONFIGURATION SERVICES** 

Factory image load BIOS customization Hardware customization Asset Tagging and Reporting

ADD IN CARDS

USB Type-C<sup>®</sup> 3.2 Gen PCle Card PS/2 Serial add-in bracket i225 PCle x1 2.5 GbE NIC Card 2nd Intel Gb NIC PCle Card USB Type-A 3.2 Gen 2 Card Powered USB 12/24 V card Powered Serial PCle card Thunderbolt 4 PCIe card Serial/Parallel Port Card

# TECHNICAL SPECIFICATION

XF4 Small Form Factor

Realtek Audio Controller, ALC3246-CG

Internal speakers (optional)

Intel® AX211, 2x2 MIMO, 2400Mbps, 2.40GHz/5GHz/6GHz, Wi-Fi

6E (WiFi 802.11ax), Bluetooth® 5.2 Intel® 9462, 1x1, 433Mbps, 2.40GHz/5GHz, Wi-Fi 5 (802.11ac),

Bluetooth® 5.1 MediaTek® MT7921, 2x2 MIMO, 1200Mbps, 2.40GHz/5GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth® 5.2

No battery

300W internal power supply unit (PSU), 92% Efficient PSU, 80 Plus

Product Safety, EMC and Environmental Datasheets

https://www.dell.com/learn/us/en/uscorp1/productinfo-

datasheets-safety-emc-environmental

Dell Regulatory Compliance Home Page:

https://www.dell.com/learn/us/en/uscorp1/ regulatory-compliance?s=corp

Dell and the Environment:

https://corporate.delltechnologies.com/en-us/socialimpact/

advancing-sustainability/sustainable-supplychain/environment.htm

Intel® Q670

Kensington security-cable slot

Padlock ring Chasis 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

Keyboard and Mouse:

Dell Business Multimedia Keyboard - KB522 Dell KB813 Smartcard Keyboard - KB813 Dell Multi-Device Wireless Keyboard and Mouse Combo - KM7120W

Dell Multimedia Keyboard - KB216 Dell Palm Rest for KB216 and KM636 - PR216

Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W Dell Pro Wireless Keyboard and Mouse - KM5221W

Dell Wireless Keyboard and Mouse - KM117

Dell Pro Wireless Keyboard and Mouse - KM5221W

Audio and Speakers Dell Slim Soundbar - SB521A

Audio Headsets:

Dell Pro Stereo Headset - WH3022

Display:

Dell commercial displays including E series, Professional P series,

UltraSharp, and Collaboration monitors

Dell Client Command Suite for In-Band systems management Intel Standard Management for Out-of-Band systems management

Factory image load BIOS customization Hardware customization Asset Tagging and Reporting

USB 3.2 Type-C<sup>®</sup> PCle card PS/2/Serial add-in bracket i225 PCle x1 2.5 GbE NIC Card 2nd Intel Gb NIC PCIe Card USB Type-A 3.2 Gen 2 Card Powered USB 12/24 V card Powered Serial PCle card Serial port PCle low profile card Parallel port PCIe low profile card

# Product Disclosures: pages 2-5

- \* EPEAT registered where applicable, EPEAT registration varies by country, See www.epeat.net for registration status by country,
- \*\* Based on Dell analysis of battery life usage model calculations, Nov. 2020. Results vary depending on use, operating conditions and other factors.
- 1 Final performance benchmarks pending.
- 2 Available on 7000 Tower and Small Form Factor.
- 3 Available on Windows® 11
- 4 VR capable graphics available on 7000 and 5000 Tower.
- 5 Based on internal analysis, April 2021. Dell Optimizer available in 2020 devices, not available in OptiPlex 3000 series. Feature availability and functionality varies by model.
- 6 Available on 7000 Tower and Micro.
- 7 Based on internal analysis, April 2021.
- 8 Based on internal analysis, April 2021, only applies to OptiPlex Micro.
- 9 Based on internal analysis, April 2021. 20% closed-loop recycled aluminum by weight in the 2TB 3.5" hard drive, optional on the OptiPlex 7090 Tower and 7090 Small Form Factor.
- 10 Based on internal analysis, April 2021. Dell Optimizer available in 2020 devices, not available in OptiPlex 3000 series, Latitude 3310 2-in-1 and Latitude Chromebook Enterprise. Feature availability and functionality varies by model.
- 11 ExpressResponse must be enabled in the Applications feature. DO learns how user uses the selected application(s) over several hours. Based on Dell testing using Sysmark 2018 benchmark on a Latitude system running productivity applications; and using performance evaluation benchmarks on Precision mobile workstations running ISV applications, March 2020. Improvement will vary based on product configuration, use, application and other factors.
- 12 User must input preferred apps first in order for them to be analyzed.
- 13 ExpressConnect available with Dell Optimizer software version 2.0 and onwards. Download the latest at https://www.dell.com/support/home.
- 14 Simultaneous multi-network connection (or Connection based teaming) is a new connectivity feature under ExpressConnect. It simultaneously sends and receives data and video traffic using two or more wired or wireless connections. Based on Dell internal analysis.
- 15 Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.

# Product Disclosures: pages 6-8

- 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.

