



Ultimate desktop configurability

OptiPlex Tower

Intel® Core™ processors (14th Gen) [Gen ID: 7020]

Most secure and manageable commercial PC.¹

Dell Optimizer

Dell uses built-in AI to optimize applications. Experience new Audio enhancements that adjust loudness, cancel out noise, and eliminates echoes

Fully immersive productivity solution

Power rich content workflows with VR-capable NVIDIA® GeForce® RTX™ graphics²
Drive up to (4) displays natively, including up to (3) at 4K resolution from #1 world-wide Dell Displays³

Responsive, secure business-class performance

An Intel vPro® platform featuring up to Intel® Core™ i9 (65W, 125W) processors (14th Gen), with hybrid architecture, automates workload allocation for more multi-tasking productivity.

Speed and agility with room to grow

Ultimate configurability with the most storage and expansion options from OptiPlex, with 2 chassis sizes to fit your workspace
Conquer demanding projects with up to 128GB³ DDR5 memory and reliable storage options

Industry-leading reliability

Less than 1% of OptiPlex desktops experience a first-year service event⁴
Future-proof your PC with expansive configurability plus certified parts & upgrades from Dell

The industry's most manageable commercial PC⁵

Helps your IT Admins save time, money, and resources when managing a fleet of PCs
Includes Dell's seamless delivery of the latest validated BIOS, drivers, and firmware versions

Working to shrink our carbon impact

Work in new Quiet mode, designed for enhanced energy-conservation and up to 39% quieter acoustics for your Tower.⁷

Recognized with EPEAT Climate+ designation and the latest environmental standards: EPEAT® Gold, EnergyStar®, and TCO Gen 9 Certified¹¹

Sustainably built with:

- up to 53.6% Post-consumer recycled plastic⁷
- 50% Post-industrial recycled steel⁸
- at least 90% Recycled or renewable packaging⁹ and Dell multi-pack¹⁰

Industry's most secure commercial PC¹, only Dell:

Offers off-host BIOS verification and Indicators of Attack to reduce exposure to future threats
Integrates PC telemetry with industry-leading software to improve fleet-wide security

Secured Component Verification

Offered only by Dell¹ helps ensure PCs are secure from factory to first boot



Sustainable innovation

OptiPlex is passionate about reducing our products' carbon footprint and helping our customers make an impact on the future. Committed to circular design throughout the lifecycle, we're driving the innovative use of materials, packaging, energy conservation, recycling and even repairability.



Sustainable materials

OptiPlex Towers are built with up to **53.6%** Post-consumer recycled plastic (PCR) and closed loop ITE derived plastic.¹ And now select chassis contain up to **50%** Post-industrial recycled steel.²



Packaging

OptiPlex Towers ship in packaging made with at least **90%** recycled or renewable content³ to reduce our logistical footprint. Select desktops are also eligible for multipack shipping which helps reduce packaging and transportation waste⁴. Multipack packaging is designed with **100%** recycled or renewable corrugate.⁵

Eco-labels

Sharing eco-label certifications help our customers make informed, sustainable IT purchase decisions. OptiPlex Tower is registered EPEAT Gold with Climate+ designation, meeting the industry's best practices for decarbonization.⁶



Efficient & Reliable

Built with high-quality components, the Tower drives top performance and value throughout its lifecycle.⁷ From the new User Selected Thermal Table (USTT), chose to work in Quiet mode, designed for enhanced energy-conservation and up to **39%** quieter acoustics for your Tower.⁷ And Dell makes it simple to access and replace parts to get the most life out of our products.



Responsible IT Asset Retirement

Asset Recovery Services makes it easy for our customers to retire legacy equipment securely and responsibly, regardless of brand. Prioritizing material reuse lets us extend the product lifecycle and maximize value return. The outcome is a seamless transition from old to new technology, that protects both your business and the planet.⁸



EPEAT Gold, ENERGY STAR® and TCO 9.0 certifications available⁶

[Learn More >](#)

[Learn More >](#)

AI-enabled solutions from Dell

Transform work with new levels of productivity



Dell Optimizer

Built-in AI from Dell Optimizer, with advanced privacy features, optimizes audio, connectivity, performance and configurability, all in one software.

Experience clearer, more productive conference calls. Your PC's sound, mic and network performance is optimized discreetly by Dell Optimizer, so you can stay confidently engaged in meetings.

Minimize user downtime and IT admin hours²

Rely on the AI-driven technology of ProSupport Suite for PCs to automate support tasks, detect and deploy fixes and generate security scores for your fleet.

[Learn More >](#)

Accelerate business success with AI-powered multi-tasking

With features like Copilot in Windows¹, get better answers, grow your skills, and effortlessly optimize workflows.

Windows 11 Pro on Dell PCs come with the latest advances in security and AI delivered conveniently to your desktop.

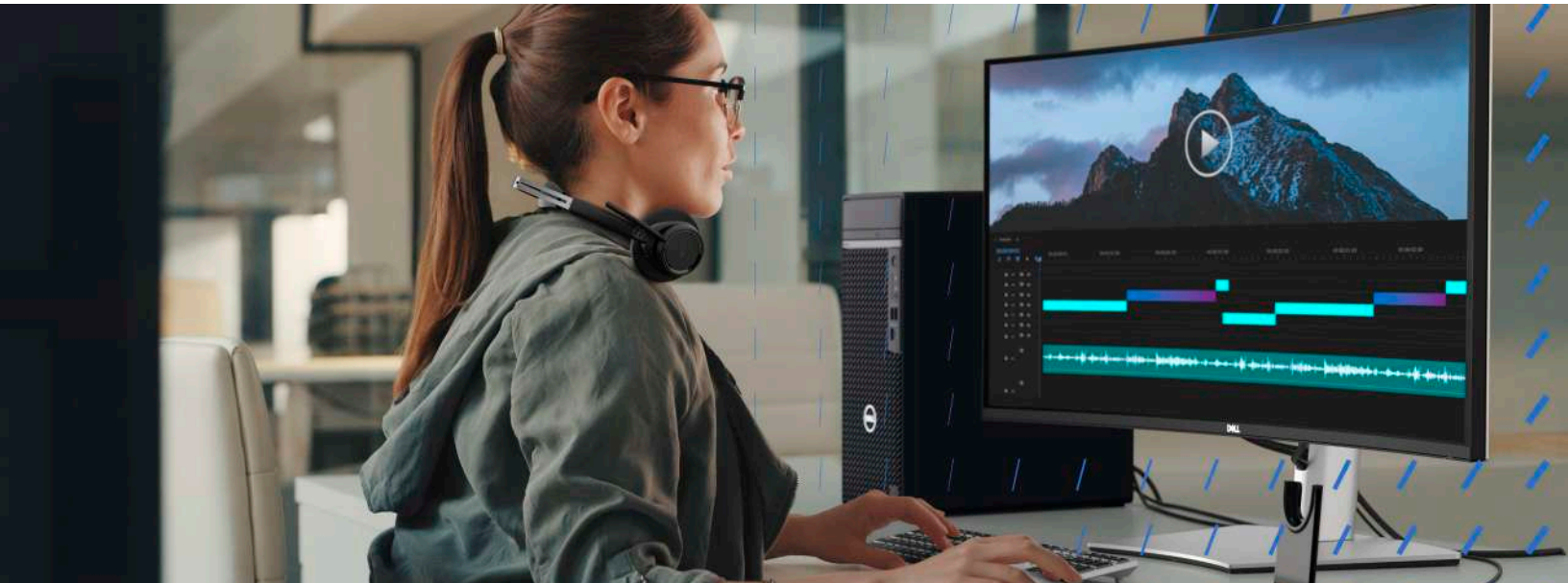
Help combat advanced threats with foundational security

Only Dell provides firmware-level threat detection integration via third-party security consoles* with AI-powered capabilities, e.g., CrowdStrike and Carbon Black.**

[Learn More >](#)

*Based on Dell internal analysis, September 2023. Applicable to PCs on Intel processors. Not all features available with all PCs. Additional purchase required for some features.

**Integrations available for CrowdStrike Falcon Insight XDR and Carbon Black Audit & Remediation.



Up-level your PC experience

With Dell Displays and Accessories, designed and tested to work Better Together



D

D Dell UltraSharp 24 Monitor - U2424H

World's 1st 4-star certified Eye Comfort Monitors² deliver a seamless, multi-monitor set up.

Peace of mind

Dell Monitors offer the same level of quality, reliability and support our customers expect with Dell PC's. Upgrade to 24x7 specialized technical phone support with the optional Dell ProSupport for monitors.³



Easy management. Max productivity.

Customize your entire workspace, simplify management and enhance privacy with Dell Display Manager and Dell Peripheral Manager.



A

A Dell Pro Wireless Keyboard and Mouse - KM5221W

Stay emerged in distraction-free work, with a long battery life up to 36 months.⁷



B

B Dell Premier Wireless ANC Headset - WL7024

Stay focused anywhere on the world's most intelligent wireless headset in its class.⁵

C Dell UltraSharp Webcam - WB7022

Experience the best image quality in its class with the world's most intelligent 4K webcam.⁶

Future of Work ready

As the world's **#1** monitor company⁸, Dell knows that modern workplace requires more than PCs. We offer **200+** branded accessories to keep you connected and collaborative no matter your work style. [Learn more](#)

Simplify IT

Our most secure¹ and most manageable⁶ offerings make IT management a breeze

SECURITY

Improve fleet-wide security with multiple layers of defense

Reduce the attack surface and enhance long-term cyber resilience with [Dell Trusted Workspace](#)

Dell offers the industry's most secure commercial PCs¹ with protections competitors cannot match:



Be secure from first boot

Rigorous, state-of-the-art supply chain controls and Dell-unique Secured Component Verification reduce the risk of product tampering.



Spot ticking timebombs

Early-alert feature Indicators of Attack, offered only by Dell, scans for behavior-based threats.



Stay protected from evolving threats

Only Dell offers off-host BIOS and firmware verification, providing greater security than other PCs. The latest Intel vPro[®]-based PCs provide an estimated 70% attack surface reduction.⁵

Layer on advanced threat protection with software from our ecosystem of best-of-breed partners.

Only Dell integrates device telemetry¹ with industry-leading software to improve fleet-wide security.⁴

[Learn More >](#)

MANAGEABILITY

Manage your fleet of PCs - reliably and easily

Help secure and optimize your endpoints and deliver end-user productivity with [Dell Manageability Solutions](#)

[Dell Trusted Update Experience](#) makes it simple to update endpoints, packing the latest BIOS, driver, and firmware version. Dell is the only Top-5 PC vendor that:



Publishes² a device drivers and downloads release schedule:

IT Admins can deploy fleet-wide device updates on a predictable timeline.



Performs³ integrated validation of all driver and BIOS modules in an update:

IT Admins can expect a trusted, system compatible update deployment, across a fleet of devices.



Dell has the industry's first:⁶

Binary Large Object (BLOB) package-based solution using Microsoft Intune

Systems Management Solution to integrate with Workspace ONE

Hardware OEM systems management solution to integrate with Intel vPro[®]

[Learn More >](#)

One BIOS

OptiPlex facilitates easy maintenance with a single BIOS across new Micro, Small Form Factor and Tower configurations and a single BIOS for All-in-Ones.

Legacy, scale and innovation

Dell Technologies is your trusted partner for the future of work

Dell Technologies APEX

1st

and most comprehensive¹
As-a-service portfolio that spans from multi-cloud to client devices.

Experience the flexibility to transform your IT and deploy the latest technologies at predictable costs.

Dell APEX PC-as-a-Service

Fully customizable subscription covers everything - devices, software and services; available from one-to-five-year terms.

Dell APEX Managed Device Service

Fully managed, subscription with a team of IT experts to keep business devices up-to-date and secure; and no year-long commitment (US only).

[Learn more>](#)

Asset Recovery Services

2.6B

Pounds of electronics recovered since 2007⁶
Let Dell help you securely and responsibly retire your old IT equipment - regardless of brand - to allow for a seamless transition from old to new technology, while protecting both your business and the planet.

[Learn more>](#)

AI-driven support services

36TB

Telemetry data processed per day²
Evolving with you, using machine learning and an AI engine that learns fast. Trust Dell Technologies to deliver hyper-efficient, automated IT support, drawn from decades of AI experience and top-ranked services.

[Learn more>](#)

ProDeploy Client Suite for PCs

30K+

PC's configured daily³
For organizations of any size, find the right-sized deployment solution to solve an array of IT needs.

35 years of deployment expertise from Dell ensures seamless experiences for configuration, imaging, and provisioning; as well as asset tagging and warehousing.

[Learn more>](#)



Modern Lifecycle Solutions

ProSupport Suite for PCs

641

Hours of admin time saved per year⁴
With advanced telemetry and AI, IT teams can remotely manage the health of their Dell fleet, anticipate and resolve issues and automate PC updates.

[Learn more>](#)

Dell Premier

297%

ROI over 4 years⁵
Modernize IT purchasing by shopping your catalog in a tailored online solution. Gain control over the entire IT ecosystem to cut costs, standardize ordering, access analytics and more.

[Learn more>](#)

ONE OptiPlex Tower

TWO base configuration options*



Feature	OptiPlex Tower Plus	OptiPlex Tower
Processor	Up to Intel® Core™ i9 processors 125W (14 th Gen) to take on the most resource-demanding and graphic intense workloads	Up to Intel® Core™ i7 vPro® processors 65W (12 th and up to i5 on 14 th Gen) for mainstream business computing
Size	Large capacity (18.7L) design houses additional slots and storage	Space-conscious (14.6L) chassis offers a 20% smaller footprint than Tower Plus
Memory	Up to 128GB DDR5 memory, 4 slots	Up to 64GB DDR5 memory, 2 slots
Graphics	NVIDIA® GeForce® RTX™ and AMD Radeon™ RX graphics options. Enable VR-consumption applications including interactive training and 3D modeling.	AMD Radeon™ RX graphics options Performance graphics support up to 3D CAD workflows
Storage	3 M.2 SSD along with hard drive bays for data storage	1 M.2 SSD along with hard drive bays for data storage
Additional features	4 PCI / PCIe slots to expand functionality 1 M.2 slot for Wi-Fi and Bluetooth card; Optional Optical Disc Drive; Optional Media Card Reader	3 PCIe slots to expand functionality 1 M.2 slot for Wi-Fi and Bluetooth card for wireless peripherals
Native USB ports	10 USB ports with 1 USB-C 3.2 Gen 2x2 (20 Gbps) (data only)	8 USB ports with 1 USB-C 3.2 Gen 1 (5 Gbps) (data only)
Native video ports	3 DisplayPort 1.4a ports supporting up to 4K resolution at 60 Hz**	1 DisplayPort 1.4a port supporting up to 4K resolution at 60 Hz 1 HDMI 1.4b port supporting up to FHD resolution**
New use of recycled steel	N/A	Contains up to 50% post-industrial recycled steel
New Thermal Management	New User Selectable Thermal Table (USTT), designed for quieter and cooler experience	
Wireless	Wi-Fi 6/6E	
Service Terms	3 years	1 year

*Base configuration determines the set of customizable features available for this PC.
**Supports up to 4 monitors (option to choose Advanced Customization for add-on port)



Not All Technical Specifications Available Per System Configuration.

Please search [Dell.com/support](https://www.dell.com/support) for product owner's manual or contact your Dell Technologies sales expert.

FEATURE	TECHNICAL SPECIFICATION	TECHNICAL SPECIFICATION
MODEL NUMBER¹	OptiPlex Tower Plus [Gen ID: 7020]	OptiPlex Tower [Gen ID: 7020]
CHASSIS COLOR	Dell Standard Black	Dell Standard Black
SYSTEM DISPLAY¹	N/A	N/A
PROCESSOR OPTIONS¹	Intel® Core™ i7-12700 (25 MB cache, 12 cores, 20 threads, up to 4.90 GHz Turbo, 65W) (12th Gen) Intel® Core™ i3-14100 (12 MB cache, 4 cores, 8 threads, up to 4.70 GHz Turbo, 60W) (14th Gen) Intel® Core™ i5-14500 vPro® (24 MB cache, 14 cores, 20 threads, up to 5.00 GHz Turbo, 65W) (14th Gen) Intel® Core™ i5-14600 vPro® (24 MB cache, 14 cores, 20 threads, up to 5.20 GHz Turbo, 65W) (14th Gen) Intel® Core™ i5-14600K vPro® (24 MB cache, 14 cores, 20 threads, up to 5.30 GHz Turbo, 125W) (14th Gen) Intel® Core™ i7-14700 vPro® (33 MB cache, 20 cores, 28 threads, up to 5.30 GHz Turbo, 65W) (14th Gen) Intel® Core™ i7-14700K vPro® (33 MB cache, 20 cores, 28 threads, up to 5.50 GHz Turbo, 125W) (14th Gen) Intel® Core™ i9-14900 vPro® (36 MB cache, 24 cores, 32 threads, up to 5.40 GHz Turbo, 65W) (14th Gen) Intel® Core™ i9-14900K vPro® (36 MB cache, 24 cores, 32 threads, up to 5.60 GHz Turbo, 125W) (14th Gen)	Intel® Core™ 300 (6 MB cache, 2 cores, 4 threads, 3.90 GHz, 46W) Intel® Core™ i3-14100 (12 MB cache, 4 cores, 8 threads, up to 4.70 GHz Turbo, 60W) (14th Gen) Intel® Core™ i5-14500 vPro® (24 MB cache, 14 cores, 20 threads, up to 5.00 GHz Turbo, 65W) (14th Gen) Intel® Core™ i5-14600 vPro® (24 MB cache, 14 cores, 20 threads, up to 5.20 GHz Turbo, 65W) (14th Gen) Intel® Core™ i3-12100 (12 MB cache, 4 cores, 8 threads, up to 4.30 GHz Turbo, 60W) (12th Gen) Intel® Core™ i5-12500 (18 MB cache, 6 cores, 12 threads, up to 4.60 GHz Turbo, 65W) (12th Gen) Intel® Core™ i7-12700 (25 MB cache, 12 cores, 20 threads, up to 4.90 GHz Turbo, 65W) (12th Gen)
CHIPSET	Intel® Q670	Intel® Q670
OPERATING SYSTEM¹	Windows 11 Home Windows 11 Pro Windows 11 Pro National Education Ubuntu® Linux® 22.04 LTS	Windows 11 Home Windows 11 Pro Windows 11 Pro National Education Ubuntu® Linux® 22.04 LTS
THIN OS¹	N/A	N/A
GRAPHICS	Integrated Graphics: Intel® UHD Graphics 730 for Intel® Core™ i3-14100 processor (14th Gen) Intel® UHD Graphics 770 for Intel® Core™ i5-14500 vPro®, i5-14600 vPro®, i5-14600K vPro®, i7-14700 vPro®, i7-14700K vPro®, i9-14900 vPro® and i9-14900K processors (14th Gen) Discrete Graphics: AMD Radeon™ RX 6300, 2 GB GDDR6 AMD Radeon™ RX 6500, 4 GB GDDR6 NVIDIA® GeForce® RTX™ 4060, 8 GB GDDR6	Integrated Graphics: Intel® UHD Graphics 710 for Intel® Core™ 300 processor Intel® UHD Graphics 730 for Intel® Core™ i3-14100 (14th Gen) and Intel® Core™ i3-12100 (12th Gen) processors Intel® UHD Graphics 770 for Intel® Core™ i5-14500/i5-14600 vPro® (14th Gen) and Intel® Core™ i5-12500 vPro® (12th Gen) processors Discrete Graphics: AMD Radeon™ RX 6300, 2 GB GDDR6 AMD Radeon™ RX 6500, 4 GB GDDR6
MEMORY^{1,2}	8 GB: 1 x 8 GB, DDR5, 4400 MT/s, UDIMM, single-channel 16 GB: 1 x 16 GB, DDR5, 4400 MT/s, UDIMM, single-channel 16 GB: 2 x 8 GB, DDR5, 4400 MT/s, UDIMM, dual-channel 32 GB: 1 x 32 GB, DDR5, 4400 MT/s, UDIMM, single-channel 32 GB: 2 x 16 GB, DDR5, 4400 MT/s, UDIMM, dual-channel 32 GB: 4 x 8 GB, DDR5, 4000 MT/s, UDIMM, dual-channel 64 GB: 2 x 32 GB, DDR5, 4400 MT/s, UDIMM, dual-channel 64 GB: 4 x 16 GB, DDR5, 4000 MT/s, UDIMM, dual-channel 128 GB: 4 x 32 GB, DDR5, 3600 MT/s, UDIMM, dual-channel	For Intel® Core™ 300 or Intel® Core™ i3-14100/i5-14500 vPro® (14th Gen) or Intel® Core™ i3-12100/i5-12500 (12th Gen) processors: 8 GB: 1 x 8 GB, DDR5, 4800 MT/s, UDIMM, single-channel 16 GB: 1 x 16 GB, DDR5, 4800 MT/s, UDIMM, single-channel 16 GB: 2 x 8 GB, DDR5, 4800 MT/s, UDIMM, dual-channel 32 GB: 1 x 32 GB, DDR5, 4800 MT/s, UDIMM, single-channel 32 GB: 2 x 16 GB, DDR5, 4800 MT/s, UDIMM, dual-channel 64 GB: 2 x 32 GB, DDR5, 4800 MT/s, UDIMM, dual-channel For Intel® Core™ i5-14600 vPro® processor (14th Gen): 8 GB: 1 x 8 GB, DDR5, 5600 MT/s, UDIMM, single-channel 16 GB: 1 x 16 GB, DDR5, 5600 MT/s, UDIMM, single-channel 16 GB: 2 x 8 GB, DDR5, 5600 MT/s, UDIMM, dual-channel 32 GB: 1 x 32 GB, DDR5, 5600 MT/s, UDIMM, single-channel 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, UDIMM, dual-channel 64 GB: 2 x 32 GB, DDR5, 5600 MT/s, UDIMM, dual-channel
STORAGE^{1,3}	512 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 25 1 TB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 25 2 TB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 25 256 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 35 512 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 35 1 TB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 35 256 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Self Encrypting Opal 2.0, Class 35 512 GB, M.2 2280, Gen 4 PCIe NVMe, SSD, Class 40 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD, Class 40 2 TB, M.2 2280, Gen 4 PCIe NVMe, SSD, Class 40 512 GB, M.2 2280, Gen 4 PCIe NVMe, SSD, Self Encrypting Opal 2.0, Class 40 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD, Self Encrypting Opal 2.0, Class 40 4 TB, 5400 RPM, 3.5-inch, SATA, HDD 1 TB, 7200 RPM, 3.5-inch, SATA, HDD 2 TB, 7200 RPM, 3.5-inch, SATA, HDD	512 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 25 1 TB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 25 2 TB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 25 256 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 35 512 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 35 1 TB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 35 256 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Self Encrypting Opal 2.0, Class 35 512 GB, M.2 2280, Gen 4 PCIe NVMe, SSD, Class 40 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD, Class 40 512 GB, M.2 2280, Gen 4 PCIe NVMe, SSD, Self Encrypting Opal 2.0, Class 40 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD, Self Encrypting Opal 2.0, Class 40 4 TB, 5400 RPM, 3.5-inch, SATA, HDD 1 TB, 7200 RPM, 3.5-inch, SATA, HDD 2 TB, 7200 RPM, 3.5-inch, SATA, HDD
WIRELESS	Intel® Wi-Fi 6E AX211, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.3 wireless card Realtek Wi-Fi 6 RTL8852BE, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.3 wireless card Intel® Wi-Fi 7 BE200, 2x2, 802.11be, MU-MIMO, Bluetooth® 5.4 wireless card	Intel® Wi-Fi 6E AX211, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.3 wireless card Realtek Wi-Fi 6 RTL8852BE, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.3 wireless card Realtek Wi-Fi 6 RTL8851BE, 1x1, 802.11ax, MU-MIMO, Bluetooth® 5.3 wireless card
AUDIO & SPEAKERS¹	Realtek Audio Controller ALC3246-CG	Realtek Audio Controller ALC3204-CG

POWER 260W 80 PLUS Bronze internal power supply unit; 85% Efficient
500W 80 PLUS Platinum internal power supply unit; 92% Efficient

180W 80 PLUS Bronze internal power supply unit; 85% Efficient
300W 80 PLUS Platinum internal power supply unit; 92% Efficient

TECHNICAL SPECIFICATION

FEATURE

MODEL NUMBER¹ OptiPlex Tower Plus [Gen ID: 7020]

MODEL NUMBER¹ OptiPlex Tower [Gen ID: 7020]

PORTS

Front:
1 USB 2.0 (480 Mbps) port with PowerShare
1 USB 2.0 (480 Mbps) port
1 USB 3.2 Gen 2x2 (20 Gbps) Type-C® port
1 USB 3.2 Gen 2 (10 Gbps) port
1 Universal audio port

Rear:
3 USB 3.2 Gen 1 (5 Gbps) ports
3 DisplayPort™ 1.4a ports
2 USB 2.0 (480 Mbps) ports with SmartPower On
1 USB 3.2 Gen 2 (10 Gbps) port
1 RJ45 (1 Gbps) Ethernet port
1 Retaskable line-in/line-out audio port
1 Video port (HDMI 2.1/DisplayPort™ 1.4a/VGA/USB 3.2 Gen 2 (10 Gbps) Type-C® port with DisplayPort™ Alt Mode) (optional)
1 Serial port (optional)

Front:
2 USB 2.0 (480 Mbps) ports
1 USB 3.2 Gen 1 (10 Gbps) Type-C® port
1 USB 3.2 Gen 1 (5 Gbps) port
1 Universal audio port

Rear:
2 USB 2.0 (480 Mbps) ports with SmartPower On
2 USB 3.2 Gen 1 (5 Gbps) ports
1 DisplayPort™ 1.4a port
1 RJ45 (1 Gbps) Ethernet port
1 HDMI 1.4b port
1 Video port (VGA/DisplayPort™ 1.4a/HDMI 2.1) (optional)
1 Serial port (optional)

SLOTS

4 SATA 3.0 slots for Hard Disk Drive and Optical Disc Drive; ODD supports SATA 2.0
3 M.2 2230/2280 slots for solid-state drive
1 Full-height Gen4 PCIe x16 slot
1 Full-height Gen3 PCIe x4 open-end slot
1 Full-height Gen3 PCIe x1 slot
1 Full-height PCI slot
1 M.2 2230 slot for WiFi and Bluetooth combo card
1 SD-card 4.0 slot (optional)

3 SATA 3.0 slots for Hard Disk Drive and Optical Disc Drive; ODD supports SATA 2.0
2 Full-height Gen3 PCIe x1 slots
1 M.2 2230/2280 slot for solid-state drive
1 Full-height Gen3 PCIe x16 slot
1 M.2 2230 slot for WiFi and Bluetooth combo card

ADD IN CARDS

USB Type-C® 3.2 Gen 2 (10 Gbps) PCIe Card, Full Height
Serial/Parallel Port Card, Full Height
I226 PCIe x1 2.5 GbE NIC card
Powered Serial PCIe card
USB 3.2 Gen 2 PCIe Card, Full Height
Powered USB PCIe Card (Full Height, 1x 24V, 2x 12V)
Thunderbolt PCIe card
PS/2 and Serial port card, Full Height

USB Type-C® 3.2 Gen 2 (10 Gbps) PCIe Card, Full Height
USB 3.2 Gen 2 PCIe Card, Full Height
Serial/Parallel Port Card, Full Height
PS/2 and Serial port card, Full Height
Zoom PCIe Card for Additional SSD

OPTICAL DRIVE

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

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

DIMENSIONS

US Dimensions
Height: 14.45 in. (367.00 mm)
Width: 6.65 in. (169.00 mm)
Depth: 11.84 in. (300.80 mm)
Weight (Minimum): 13.07 lb (5.93 kg)
Weight (Maximum): 21.24 lb (9.63 kg)

ROW Dimensions
Height: 367.00 mm (14.45 in.)
Width: 169.00 mm (6.65 in.)
Depth: 300.80 mm (11.84 in.)
Weight (Minimum): 5.93 kg (13.07 lb)
Weight (Maximum): 9.63 kg (21.24 lb)

US Dimensions
Height: 12.77 in. (324.30 mm)
Width: 6.06 in. (154.00 mm)
Depth: 11.50 in. (292.20 mm)
Weight (Minimum): 11.42 lb (5.18 kg)
Weight (Maximum): 14.04 lb (6.37 kg)

ROW Dimensions
Height: 324.30 mm (12.77 in.)
Width: 154.00 mm (6.06 in.)
Depth: 292.20 mm (11.50 in.)
Weight (Minimum): 5.18 kg (11.42 lb)
Weight (Maximum): 6.37 kg (14.04 lb)

PRODUCTIVITY SOFTWARE¹

Adobe Acrobat
Adobe Creative Cloud
Adobe Lightroom
Adobe Photoshop Elements
China HDD Deluxe
Dell Hybrid Client 1.6 (optional)
Dell Hybrid Client (Ubuntu)
Microsoft Office 30-day trial
Microsoft Office Home and Business 2019
Microsoft Office Professional 2019

Adobe Acrobat
Adobe Creative Cloud
Adobe Lightroom
Adobe Photoshop Elements
China HDD Deluxe
Dell Hybrid Client 1.6 (optional)
Dell Hybrid Client (Ubuntu)
Microsoft Office 30-day trial
Microsoft Office Home and Business 2019
Microsoft Office Professional 2019

[CONTINUE TO MORE TECHNICAL SPECIFICATIONS >](#)



Leading the industry in sustainable practices to reduce the environmental impact of our products and packaging.

Learn more: <https://www.dell.com/en-us/lp/dt/sustainable-devices>

FEATURE	TECHNICAL SPECIFICATION	DESCRIPTION
MODEL NUMBER ¹	OptiPlex Tower Plus and OptiPlex Tower (available for all configurations)	
SUSTAINABLE MATERIALS ¹	Post-consumer recycled plastic (PCR) and closed loop ITE derived plastic - chassis: Tower Plus: 44%; Tower: 53.6%	Post-consumer recycled plastic is plastic waste generated by households, industrial, commercial or institutions repurposed in the desktop design. Closed loop plastic is reclaimed plastic from any disposed IT product repurposed in the desktop design.
	Recycled ocean-bound plastic: N/A	Ocean-bound plastic is collected within 50km (30mi) distance of an ocean coastline or major waterway that feeds into the ocean. Using ocean-bound plastic reduces the risk of endangering marine life and ecosystem with plastic waste.
	Post-industrial recycled steel: Tower Plus: No; Tower: 50%	Incorporating recycled steel helps minimize the usage of virgin material and related mining activities, while re-purposing waste that would have ended up in landfills (Available for select OptiPlex tower configurations).
ECO-LABELS ¹	Recycled or renewable materials - packaging: Tower Plus: at least 90%; Tower: at least 90%	Using recycled or renewable materials lowers waste and helps lower environmental impact. Materials may include recycled content and/or renewable content, in the form of sustainably forested fibers.
	EPEAT Climate+™: Tower Plus: Yes; Tower: Yes	This is a product level designation for EPEAT-registered products which meet the industry's best climate criteria.
	EPEAT: Tower Plus: Gold; Tower: Gold	Meeting globally recognized eco-label certifications for sustainable IT, our customers can trust that Dell products adhere to the highest energy-efficiency specifications and other climate-related standards. Product registry: https://www.epeat.net/
MULTI-PACK SHIPPING ¹	TCO Certified, Gen 9: Tower Plus: Yes; Tower: Yes	TCO Certified is a leading sustainability certification for IT products, with a comprehensive system of up-to-date criteria and independent verification. Product registry: https://tco certified.com/product-finder/
	Energy Star 8.0: Tower Plus: Yes; Tower: Yes	Energy Star 8.0 is a specification recognizing the most energy-efficient PC's, backed by Environmental Protection Agency (US).
	Dell Multi-pack: Tower Plus: Yes; Tower: Yes	Dell Multi-pack offers a simpler, more efficient unboxing experience with less packaging waste and better pallet optimization for transportation.
ASSET RECOVERY SERVICES ⁶	Asset Recovery Services: Tower Plus: Yes; Tower: Yes	Asset Recovery Services helps you resell, recycle or return-to-lease your legacy IT equipment – regardless of brand or leasing agency – in a secure and sustainable manner, while unlocking value that can be put towards future innovation. And if you do it when assets are at their maximum value, you can transition to what's next with more money in your pocket.
GLOBAL COMPLIANCE REGULATORY ^{4,6}	US CEC MEPS compliant configurations available; Australia and New Zealand MEPS compliant configurations available; CEL, WEEE, Japan Energy Law, South Korea E-standby, EU RoHS, China RoHS Product Safety, EMC and Environmental Datasheets ; Dell Regulatory Compliance Home Page ; Dell and the Environment ;	



Dell Optimizer, our AI-based optimization software, learns and responds to the way you work providing improved application and device performance, clearer audio and more.

Learn more: Dell.com/Optimizer

FEATURE	TECHNICAL SPECIFICATION	DESCRIPTION
MODEL NUMBER ¹	OptiPlex Tower Plus and OptiPlex Tower (available for all configurations)	
DELL OPTIMIZER (INCLUDED)	Application Optimization	Machine learning models designed to improve foreground application performance and boost overall application responsiveness when PC is under high CPU utilization from concurrent workload activities.
	Power Optimization	Choice of settings (optimized, cool, quiet, ultra performance) to balance PC performance and fan noise. Will also provide critical firmware alerts and notifications.
	Intelligent Audio	AI-based neural noise technology removes intrusive sounds, echos, and reverb caused by room acoustics from all ends of conference calls as well as mutes all background noises when no speech is detected. Will also provide automated tuning for optimized sound quality and on-screen notifications if voice quality drops in conference calls.
	Presence Detection:	Presence Detection is built-in for OptiPlex All-in-One with optional 5MP IR Camera; all other OptiPlex desktop configurations require external device with a compatible sensor, including select Dell monitors and webcams with proximity sensors to experience these features. "Keep Alive" will prevent screen from turning off; "Walk Away Lock" will turn off screen and lock system; and "Wake on Approach" will awaken system, all based on user presence, providing screen privacy while conserving energy consumption.
	Network Optimization	Automatically switches to the best available Wi-Fi network when congestion is detected and uses multiple wired or wireless network connections to transfer data and improve download speed. Allocates the maximum bandwidth to conference application when you are on a call and allows you to prioritize which applications receive the most bandwidth when the network is congested
	Intelligent Ecosystem	Convenient access to Dell Peripheral Manger and Dell Display Manager for customization settings and controls for your Dell Peripherals and your Dell Monitor.



Improve fleet-wide security with hardware and software protections from Dell Trusted Workspace.

Learn more: Dell.com/endpoint-security

FEATURE

TECHNICAL SPECIFICATION

DESCRIPTION

MODEL NUMBER¹

OptiPlex Tower Plus and OptiPlex Tower (available for all configurations)

HARDWARE AND FIRMWARE (INCLUDED)

Dell SafeBIOS	Verify the integrity of the BIOS with tamper detection and secure, off-host BIOS image capture.
Dell SafeBIOS Indicators of Attack	Early-alert feature scans for behavior-based threats. Telemetry integration with popular third-party security and endpoint management solutions, e.g., Microsoft Intune, CrowdStrike, Splunk.
Dell SafeBIOS CVE Detection	Identify and address common vulnerabilities and exposures (CVEs) for the BIOS and patch devices swiftly. *Available early 2024.
Dell Trusted Device	Software that generates insights into the security state of a platform, monitoring changes to BIOS attributes, detecting possible tampering of BIOS firmware, and more.
Trusted Platform Module (Discrete TPM Enabled)	Trusted Platform Module (TPM) 2.0 discrete FIPS 140-2 certification for TPM
Chassis intrusion switch	Remotely detects hardware tampering and is integrated with Dell SafeBIOS Indicators of Attack.
Kensington Security Slot™ (T-bar)	Device locking option helps reduce the risk of a data breach. Standard slot that can be paired with a standard security cable lock.
SPI Flash Tamper Detection Circuit	Detects and prevents tampering with BIOS SPI flash chips on the motherboard.

HARDWARE AND FIRMWARE (OPTIONAL)

Dell SafeID	Secure end-user credentials with a unique hardware-based security solution to store and process user credentials. Credential security options vary by device.
Dell Secured Component Verification	Provides assurance that the device and its components remain secure from factory to first boot.
Dell SafeSupply Chain	Detect tampering with this supply chain assurance offering. Available in US and Canada only.
Hard drive wipes	Sanitize the hard drive in accordance with National Institute of Standards and Technology (NIST) guidelines with this supply chain assurance offering. Available in US and Canada only. US and Canada only.
Intel ME Verification	Verify the integrity of critical firmware using a secure off-host source. Requires Intel vPro®.
OPAL drive / Self-encrypting drive (SED)	Hardware-based full disk encryption that protects user data without storing encryption keys in RAM where it can be accessed by malicious parties.

SECURITY SOFTWARE (OPTIONAL)

Dell SafeGuard & Response: CrowdStrike, Carbon Black, Secureworks	Threat detection, response and remediation
Dell SafeData: Absolute	Self-healing for endpoints, applications and networks
Dell SafeData: Netskope	Cloud and network data protection
McAfee Business Protection	Simple, automated, all-in-one security made for small businesses

[CONTINUE TO MORE TECHNICAL SPECIFICATIONS >](#)



Securely manage & optimize your endpoints and deliver end-user productivity with Dell Manageability Solutions.
 Learn more: Dell.com/command

FEATURE	TECHNICAL SPECIFICATION	DESCRIPTION
MODEL NUMBER ¹	OptiPlex Tower Plus and OptiPlex Tower (available for all configurations)	
MANAGEABILITY SOLUTIONS (INCLUDED)	Dell Client Command Suite	Streamline how you deploy drivers, configure BIOS, monitor devices, and manage updates.
	Dell Trusted Update Experience	Simplify how you update your endpoints with latest BIOS, driver, and firmware versions.



Modernize IT with comprehensive lifecycle services and support.
 Learn more: Dell.com/support

FEATURE	TECHNICAL SPECIFICATION	DESCRIPTION
MODEL NUMBER ¹	OptiPlex Tower Plus and OptiPlex Tower (available for all configurations)	
SUPPORT SERVICES (OPTIONAL) ^{5,6}	ProSupport for PCs	Hardware break/fix with next business day service, 24x7 in-region technical support on hardware and software issues. Includes access to SupportAssist for proactive issue resolution and AI-powered fleet insights.
	ProSupport Plus for PCs	Hardware break/fix with next business day service, 24x7 priority access to in-region technical support for hardware and software issues PLUS Accidental Damage coverage, Keep Your Hard Drive and a Service Account Manager (with 500 devices). Includes access to SupportAssist for proactive and predictive automations and AI-powered fleet insights.
	ProSupport Flex for PCs	Flexible options to supplement in-house IT (1,000 device requirement): Hardware break/fix with next business day service, 24x7 in-region technical support on hardware and software issues and a Service Account Manager plus the OPTION to choose Accidental Damage coverage or Keep Your Hard Drive. Includes access to SupportAssist for proactive and predictive automations and AI-powered fleet insights.
DEPLOY SERVICES (OPTIONAL) ⁶	ProDeploy Flex for Client	ProDeploy Flex allows customers with specific deployment needs to mix and match standardized options to fit their needs.
	ProDeploy Essentials for Client	From initial PC setup and preparation to data transfer, whether remote or onsite, ProDeploy Essentials is geared toward limited interruption for the end user.
	ProDeploy for Client	ProDeploy partners with IT to apply common customization of hardware settings and software so systems meet IT specifications for security, software and network protocols.
	ProDeploy Plus for Client	With ProDeploy Plus, we bring it all together to take care of end-user needs and efficiently meet IT specifications while working with IT teams to plan, configure and deploy systems that are ready-to-work, using modern solutions.
	Asset Recovery Services	Asset Recovery Services helps you resell, recycle or return-to-lease your legacy IT equipment – regardless of brand or leasing agency – in a secure and sustainable manner, while unlocking value that can be put towards future innovation. And if you do it when assets are at their maximum value, you can transition to what's next with more money in your pocket.
	Logistic Services	Warehouse your products at our facility for up to 180 days and take delivery on the day and time that best meets your needs. Schedule your IT resources to be in place when you need them – on the exact day the new systems arrive. Available in NA, EMEA and APJ.
	Configuration Services	Image Load, Asset Tag, BIOS Customization, HDD Partitioning, Software Installation, Laser Etch, Data Security.
MANAGE SERVICES (OPTIONAL) ⁶	Lifecycle Hub	Combines warehousing and inventory management with configuration services and deployment expertise into one end-to-end solution. With included return, repair, and refurbishing services, Dell Lifecycle Hub helps keep employees working, maximizes use of device inventory and frees up IT resources to focus on business priorities. Available in US, Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Poland, Portugal, Slovakia, Spain, Sweden, UK.
	Managed Detection and Response Pro Plus	A fully-managed, 360-degree security operations solution designed to prevent threats, quickly detect and contain attack attempts, and help recover your IT environment in the event of a breach.

FEATURE	TECHNICAL SPECIFICATION	TECHNICAL SPECIFICATION
MODEL NUMBER¹	OptiPlex Tower Plus	OptiPlex Tower
WARRANTY^{4,6}	3-5 Year Basic Warranty with Hardware Onsite Service	1-5 Year Basic Warranty with Hardware Onsite Service
SERVICES TERMS⁶	3-5 Year ProSupport Same Business Day Service	1-5 Year ProSupport Same Business Day Service
	3-5 Year ProSupport Next Business Day Onsite Service	1-5 Year ProSupport Next Business Day Onsite Service
	3-5 Year Specialized Onsite Services Onsite Diagnosis Service	1-5 Year Specialized Onsite Services Onsite Diagnosis Service
	3-5 Year ProSupport for Software	1-5 Year ProSupport for Software
	3-5 Year ProSupport Flex for Client	1-5 Year ProSupport Flex for Client
	3-5 Year ProSupport Channel Extended SKU's (Add 3 months)	1-5 Year ProSupport Channel Extended SKU's (Add 3 months)
	3-5 Year ProSupport Plus Same Business Day Service	1-5 Year ProSupport Plus Same Business Day Service
	3-5 Year ProSupport Plus for Client	1-5 Year ProSupport Plus for Client
ACCIDENTAL DAMAGE¹	3-5 Year Accidental Damage Service	1-5 Year Accidental Damage Service
	3-5 Year Accidental Damage with Theft Service	1-5 Year Accidental Damage with Theft Service
	3-5 Year Accidental Damage Protection	1-5 Year Accidental Damage Protection
	3-5 Year Complete Care Service	1-5 Year Complete Care Service
	3-5 Year Keep Your Hard Drive	1-5 Year Keep Your Hard Drive
	3-5 Year Keep Your Component - US FED only	1-5 Year Keep Your Component - US FED only
	3-5 Year TechDirect: Parts and Labor Reimbursement	1-5 Year TechDirect: Parts and Labor Reimbursement

Product Disclaimers/Citations

OptiPlex Tower [Gen ID: 7020]

Cover page

1. Most secure is based on Dell internal analysis, October 2024. Applicable to PCs on Intel processors. Not all features available with all PCs. Additional purchase required for some features. Validated by Principled Technologies. A comparison of security features, April 2024. Most manageable commercial PCs when comparing the systems management capabilities of Dell Update Processes, Dell Manageability Solution capabilities and integrations with 3rd Party Management Solutions, with competitor update processes, systems management solution capabilities and integrations with 3rd party management solutions. 3rd Party Management Solutions - Microsoft Intune, Workspace ONE, are separate purchases. Intel vPro, to support out-of-band systems management, is an additional system configuration upgrade. Based on Dell internal analysis, April 2024.

Page 2

1. Dell has the industry's most secure commercial PCs. (Claim Details: Cover page - #1)
2. OptiPlex Tower Plus offers up to 128GB DDR5 Memory and VR-capable NVIDIA® GeForce® RTX™ graphics; OptiPlex Tower offers up to 64GB DDR5 memory and AMD Radeon™ RX graphic options.
3. Dell is the world's #1 monitor company. Source: IDC Worldwide Quarterly PC Monitor Tracker, Q1 2024.
4. Less than 1% of OptiPlex desktops experience a first-year service event. Source: Based on Dell Quality Intelligence (Qi) tool - Dell Internal Analysis, August 2023. Details: When quantifying Dell FY19-FY24 YTD through August 2023; whereby "service event" is indicated by Dell facilitating 1.) part replacement or 2.) service technician dispatch for repair.
5. Dell has the industry's most manageable commercial PCs (Claim details: Cover page - #1)
6. Customize your PC thermal / fan settings to work your way in Optimized or Quiet mode. Source: Based on internal Dell analysis, January, 2024, final benchmarks pending. Details: Quiet mode is designed to index PC performance on quieter acoustics and energy conservation for your Tower. Experience up to 39% gen over gen improvement in acoustics with new OptiPlex Tower Plus and OptiPlex Tower. (CY23 default vs CY24 Quiet mode).
7. OptiPlex Towers are made with up to 53.6% Post-consumer recycled plastic (PCR) and closed loop ITE derived plastic Source: Based on Dell internal analysis, February 2023. Percentage is of total plastic weight in product and may vary by model.
8. OptiPlex Tower is designed with up to 50% recycled steel in select tower configurations. Percentage applies to total steel weight in the chassis. Includes OptiPlex Micro, OptiPlex Micro Plus, OptiPlex Tower, OptiPlex SFF and OptiPlex SFF Plus. Based on Dell internal analysis, December 2023. Not available for OptiPlex Tower Plus configuration.
9. OptiPlex Tower ships with at least 90% recycled or renewable packaging, in the form of sustainably forested fibers. Percentages may vary slightly by region. Excludes optional items added to order and included in box.
10. Ship multiple products in a single package with Dell Multipack, Applies to OptiPlex Micro, OptiPlex Micro Plus, OptiPlex SFF, OptiPlex SFF Plus, OptiPlex Tower and OptiPlex Tower Plus. Based on internal analysis, December 2023.
11. OptiPlex Tower is certified ENERGY STAR® 8.0, carries TCO Generation 9 certifications and is EPEAT Gold registered with Climate+ designation. Applies to OptiPlex Micro Plus, OptiPlex SFF, OptiPlex SFF Plus, OptiPlex Tower, OptiPlex Tower Plus, OptiPlex AIO 35W and OptiPlex AIO Plus. Based on internal analysis, October 2023. Based on EPEAT Climate+ Designations achieved in all applicable countries. EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status and tier levels. See Owner's manual for eco-label conditions.

Page 3 Sustainable innovation

1. OptiPlex Towers are made with up to 53.6% Post-consumer recycled plastic (PCR) and closed loop ITE derived plastic Source: Based on Dell internal analysis, February 2023. Percentage is of total plastic weight in product and may vary by model. (Claim details: page: 1.8).
2. OptiPlex Tower is designed with up to 50% recycled steel in select tower configurations. (Claim details: page: 1.9).
3. OptiPlex Tower ships with at least 90% recycled or renewable packaging. (Claim details: page: 1.10).
4. Ship multiple products in a single package with Dell Multipack. (Claim details: page: 1.11).
5. Multipack packaging is designed with 100% recycled or renewable corrugate. Based on internal analysis, February 2022. Renewable material in the form of FSC paper fibers.
6. OptiPlex Tower is certified ENERGY STAR® 8.0, carries TCO Generation 9 certifications and is EPEAT Gold registered with Climate+ designation (Claim details: page: 1.12).
7. Customize your PC thermal / fan settings to work your way in Optimized or Quiet mode. (Claim Details: page 1.7).
8. Asset Recovery Services is conveniently available as a stand-alone service or part of Dell APEX, Lifecycle Hub and ProDeploy Client Suite; in 35 countries.

Page 4 AI-enabled solutions

1. **Copilot in Windows, get better answers, grow your skills, and effortlessly optimize workflows.** Timing of feature delivery and availability varies by market and device. Use Copilot with a Microsoft Account or use Copilot with commercial data protection at no additional cost by signing into a work or school account (Microsoft Entra ID) with Microsoft 365 E3, E5, F3, A3 or A5 for faculty, Business Premium, and Business Standard. Coming to more Entra ID users over time.
2. **Minimize user downtime and IT admin hours.**: Based on Dell internal analysis, December 2023. Detailed requirements:
 - Optional ProSupport Plus for PCs or ProSupport Flex is required to automate support tasks, detect and deploy fixes
 - Optional SupportAssist for Business PCs, enabling the "Dell Trusted Device module" and activating a TechDirect account for your company, are required to *view security scores for your fleet via TechDirect*.

Page 5 Better together

1. **OptiPlex Tower drives up to (4) displays natively**, including up to (3) at 4K resolution. OptiPlex Tower supports up to four displays at one time, from native HDMI, native DisplayPort, and/or from optional video port up to 5K. OptiPlex Tower Plus supports up to four displays at one time, from native DisplayPorts up to 4K, and/or from optional video port up to 5K.
2. **Enjoy a near-seamless multi-monitor set up** and new levels of comfort with the World's 1st 4-star certified Eye Comfort Monitor: Based off TÜV Rheinland® Eye Comfort certification, August 2023. Monitor certified by TÜV for 4-star eye comfort.
3. **Dell monitors come with:**
 - Advanced Exchange Service: Your monitor comes with a 3-year Advanced Exchange Service3 so that if a replacement becomes necessary, it will be shipped to you the next business day during your 3-year Limited Hardware Warranty. Replacement part/unit dispatched, if needed, following completion of phone/online diagnosis. Fee charged for failure to return defective unit. Availability varies.
 - For copy of Ltd Hardware Warranty, write to Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see <http://www.dell.com/warranty>.
 - The Dell Premier Panel Warranty allows a free panel replacement during the Limited Hardware Warranty** period even if only one bright pixel is found.
 - Upgrade to 24x7 specialized technical phone support with the optional Dell ProSupport.
 - Dell Premier Wireless ANC Headset - WL7024; Based on Dell internal analysis of publicly available data, Dec. 2023.
 - Dell UltraSharp Webcam - WB7022; Based on Dell internal analysis of external 4K personal conferencing webcams, August 2023.
 - Dell Pro Wireless Keyboard & Mouse - KM5221W; Based on Dell internal analysis of battery life usage model calculations, Nov. 2020. Results vary depending on use, operating conditions & other factors.

Page 6 Simplify IT

1. **Dell has the industry's most secure commercial PCs.** (Claim Details: Cover page - #1)
2. **Dell publishes a device drivers and downloads release schedule.** Source: Source: Based on internal analysis, May 2023. When comparing publicly available device drivers and downloads release schedules published by the Top 5 PC vendors, as of May 2023.
3. **Dell performs integrated validation of all driver and BIOS modules in an update.** Source: Based on Dell internal analysis, May 2023, of integrated validation approaches of Top 5 PC vendors, for driver and BIOS modules in an update, by currently shipping and future-state product system images.
4. **Applicable to PCs on Intel processors.** Not all features are available with all PCs. Additional purchase required for some features. Availability varies by region. Integrations available for CrowdStrike Falcon Insight XDR and Carbon Black Audit & Remediation.
5. **Only Dell offers off-host BIOS and firmware verification, providing greater security than other PCs.** Details: The latest Intel vPro based PCs provide an estimated 70% attack surface reduction compared to four-year-old devices. Based on IOActive's "Intel vPro 13th Gen Attack Surface Study" published March 2023 (commissioned by Intel), which evaluates Intel vPro devices powered by 13th Gen Intel Core processors against four-year-old Intel-based PCs on Windows OS. Details at www.intel.com/performance-vpro. Results may vary.
6. **Most Manageable Commercial PC.** (Claim details; Cover page - #1); and Dell has the industry's first:
 - **Dell Command | Endpoint Configure for Microsoft Intune - the industry's first Binary Large Object (BLOB) package-based solution, for securely configuring & managing endpoints**, using Microsoft Intune. Disclaimer: Industry's first device manageability solution to use a Binary Large Object (BLOB) package, recognized by Microsoft Intune, for secure endpoint configuration and management
 - **Dell Client Command Suite - the industry's first Systems Management Solution** to integrate with VMWare Workspace ONE, for secure BIOS, firmware, OS and update management of PCs, from the cloud. Disclaimer: Based on Dell internal analysis, July 2023
 - **Dell Command | Intel vPro Out of Band - the industry's first hardware OEM systems management solution** to integrate with Intel vPro - **for remote management of systems, regardless of power-state.** Disclaimer: Based on Dell internal analysis, November 2023.

Page 7 Legacy, scale & innovation

1. **Dell Technologies APEX offers the 1st and most comprehensive As-a-service portfolio** that spans from multi-cloud to client devices. Source: Based on Dell internal analysis, April 2023. Payment solutions provided to qualified commercial customers by Dell Financial Services through Dell Technologies group companies or authorized business partners. Solutions may be changed without notice and are subject to product availability, eligibility, credit approval, acceptable documentation and local applicable law. Some solutions, including end of term purchase options, may not be available or may vary by country. Within the EU, the EEA, the UK and Switzerland certain solutions are provided by Dell Bank International d.a.c. and its local branches, including by Dell Bank International d.a.c Sucursal en España in Spain. Dell Bank International d.a.c. is regulated by the Central Bank of Ireland. Dell Technologies and Dell logos are trademarks of Dell Inc.
2. **Dell Technologies processes 36TB of telemetry data per day.** Source: Based on Dell internal analysis, November 2023.
3. **ProDeploy Client Suite for PCs configures 30K PC daily.** Source: Based on Dell internal analysis, April 2023.
4. **ProSupport Suite for PCs saves 641 hours of IT admin time per year*** (on recurring tasks for a 1,000-device fleet. *vs. a manual approach based on data extrapolated from hands-on testing). Source: Based on a Principled Technologies test report, "Simplify PC management and save IT admin time with an automated support service," dated September 2023. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <https://facts.pt/PELu7lm>
5. **Dell Premier offers up to 297% ROI, or return on investment, over a span of 4 years.** Source: Based on a Forrester Total Economic Impact™ Study Commissioned by Dell Technologies and Intel, "The Total Economic Impact™ Of Dell Premier Solutions", August 2021. These findings were aggregated into a 15,000-employee composite organization to create a four-year financial model that calculates the likely ROI a company should expect by adopting Dell Premier. Actual results may vary. Full study <https://tools.totaleconomicimpact.com/go/dell/premiersolutions/>
6. **Dell Technologies has recovered 2.6 billion pounds of electronics since 2007.** Source: Based on Dell internal analysis of publicly available data, April 2023.

Technotes:

1. Not all technical specifications available per system configuration. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Owner's Manual 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. 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.
4. 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.
5. 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.
6. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicesdescriptions.
7. 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.

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