# Ultimate desktop configurability

## OptiPlex Tower

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

Most secure[1], intelligent[2] and manageable[3] commercial PC

**DELL**Technologies

**Most intelligent commercial PC with Dell Optimizer[2]**
Only Dell uses built-in AI to optimize applications. Experience new Audio enhancements that adjust loudness, cancel out noise, and eliminates echoes

**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.

**Fully immersive productivity solution**
Power rich content workflows with VR-capable NVIDIA® GeForce® RTX™ graphics[2]

Drive up to (4) displays natively, including up to (3) at 4K resolution from #1 world-wide Dell Displays[4]

**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 event[5]

Future-proof your PC with expansive configurability plus certified parts & upgrades from Dell

**The industry's most manageable commercial PC[6]**
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 Certified[12]

**Sustainably built with:**
- up to 53.6% Post-consumer recycled plastic [8]
- 50% Post-industrial recycled steel [9]
- at least 90% Recycled or renewable packaging[10] and Dell multi-pack[11]

**Industry's most secure commercial PC[1], 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 Dell[1] helps ensure PCs are secure from factory to first boot

DELLTechnologies

# 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 content[3] to reduce our logistical footprint. Select desktops are also eligible for multipack shipping which helps reduce packaging and transportation waste[4]. 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 available[6]

Learn More ›

Learn More ›

3

# AI-enabled solutions from Dell

## Transform work with new levels of productivity

### Powering the world's most intelligent commercial PC's[1]

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.

Learn More ›

### Accelerate business success with AI-powered multi-tasking

With features like Copilot in Windows[2], 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.

### Minimize user downtime and IT admin hours[3]

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.
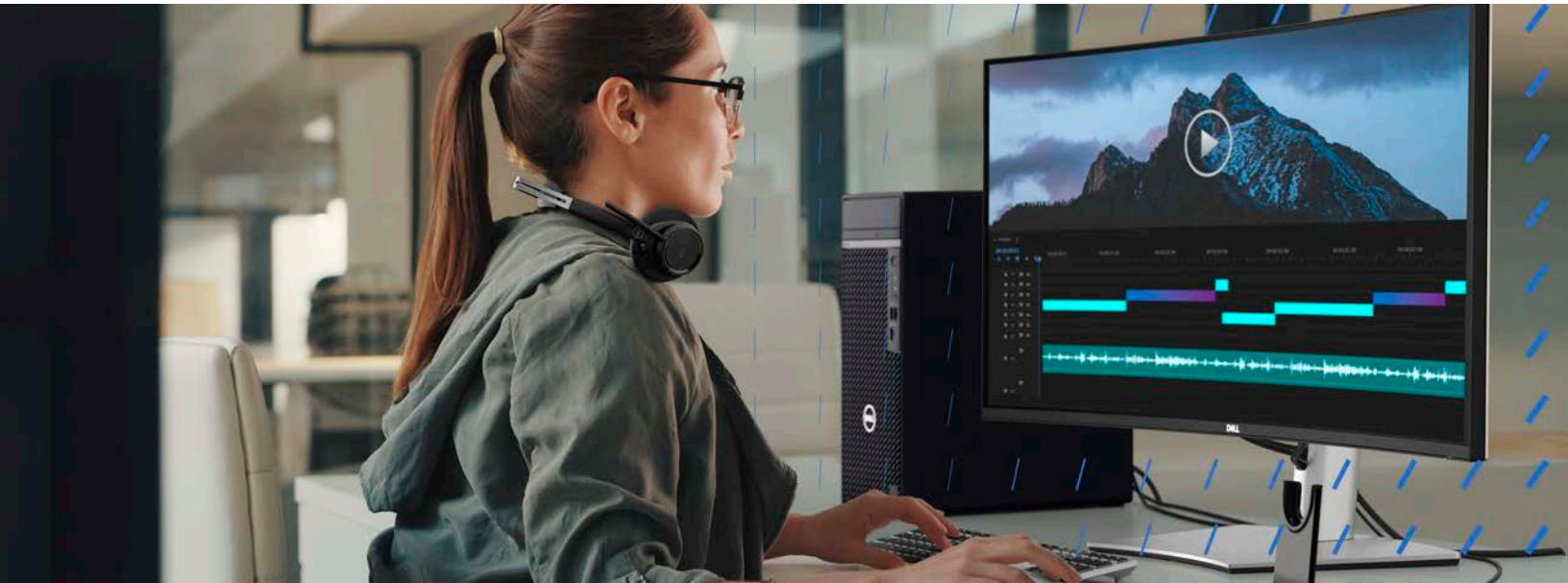
Learn More ›

### 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 ›

# 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**

**B**

**C**

### 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 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 company[8], 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

**D&LL**Technologies

# Simplify IT

Our most secure[1] and most manageable[6] 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 PCs[1] 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 telemetry[1] 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:

**Publishes[2] a device drivers and downloads release schedule:**
IT Admins can deploy fleet-wide device updates on a predictable timeline.

**Performs[3] 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 comprehensive[1]
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 2007[6]
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 day[2]
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>

### Modern Lifecycle Solutions

### Dell Premier

## 297%
ROI over 4 years[5]
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
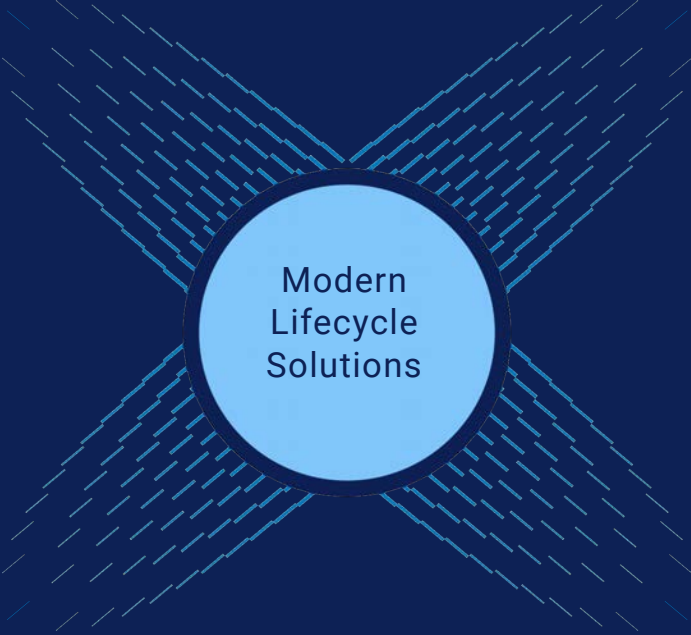analytics and more.

Learn more>

### ProDeploy Client Suite
for PCs

## 30K+
PC's configured daily[3]
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>

### ProSupport Suite for PCs

## 641
Hours of admin time saved
per year[4]
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>

# ONE
# OptiPlex Tower

TWO base configuration options*

| Feature | OptiPlex Tower Plus | OptiPlex Tower |
|---|---|---|
| Processor | **Up to Intel® Core™ i9 processors 125W (14th Gen) to take on the most resource-demanding and graphic intense workloads** | **Up to Intel® Core™ i5 vPro® processors 65W (12th and 14th 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 functionality1 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)

**DELL**Technologies

**Not All Technical Specifications Available Per System Configuration.**
Please search Dell.com/support for product owner's manual or contact your Dell Technologies sales expert.

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

**DELL**Technologies

| | | |
|---|---|---|
| **POWER** | 260W 80 PLUS Bronze internal power supply unit; 85% Efficient<br>500W 80 PLUS Platinum internal power supply unit unit; 92% Efficient | 180W 80 PLUS Bronze internal power supply unit; 85% Efficient<br>300W 80 PLUS Platinum internal power supply unit; 92% Efficient |

## TECHNICAL SPECIFICATION

## TECHNICAL SPECIFICATION

### FEATURE

| | | |
|---|---|---|
| **MODEL NUMBER[1]** | **OptiPlex Tower Plus [Gen ID: 7020]** | **OptiPlex Tower [Gen ID: 7020]** |
| **PORTS** | **Front:**<br>1 USB 2.0 (480 Mbps) port with PowerShare<br>1 USB 2.0 (480 Mbps) port<br>1 USB 3.2 Gen 2x2 (20 Gbps) Type-C® port<br>1 USB 3.2 Gen 2 (10 Gbps) port<br>1 Universal audio port<br><br>**Rear:**<br>3 USB 3.2 Gen 1 (5 Gbps) ports<br>3 DisplayPort™ 1.4a ports<br>2 USB 2.0 (480 Mbps) ports with SmartPower On<br>1 USB 3.2 Gen 2 (10 Gbps) port<br>1 RJ45 (1 Gbps) Ethernet port<br>1 Retaskable line-in/line-out audio port<br>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)<br>1 Serial port (optional) | **Front:**<br>2 USB 2.0 (480 Mbps) ports<br>1 USB 3.2 Gen 1 (10 Gbps) Type-C® port<br>1 USB 3.2 Gen 1 (5 Gbps) port<br>1 Universal audio port<br><br>**Rear:**<br>2 USB 2.0 (480 Mbps) ports with SmartPower On<br>2 USB 3.2 Gen 1 (5 Gbps) ports<br>1 DisplayPort™ 1.4a port<br>1 RJ45 (1 Gbps) Ethernet port<br>1 HDMI 1.4b port<br>1 Video port (VGA/DisplayPort™ 1.4a/HDMI 2.1) (optional)<br>1 Serial port (optional) |
| **SLOTS** | 4 SATA 3.0 slots for Hard Disk Drive and Optical Disc Drive; ODD supports SATA 2.0<br>3 M.2 2230/2280 slots for solid-state drive<br>1 Full-height Gen4 PCIe x16 slot<br>1 Full-height Gen3 PCIe x4 open-end slot<br>1 Full-height Gen3 PCIe x1 slot<br>1 Full-height PCI slot<br>1 M.2 2230 slot for WiFi and Bluetooth combo card<br>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<br>2 Full-height Gen3 PCIe x1 slots<br>1 M.2 2230/2280 slot for solid-state drive<br>1 Full-height Gen3 PCIe x16 slot<br>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<br>Serial/Parallel Port Card, Full Height<br>I226 PCIe x1 2.5 GbE NIC card<br>Powered Serial PCIe card<br>USB 3.2 Gen 2 PCIe Card, Full Height<br>Powered USB PCIe Card (Full Height, 1x 24V, 2x 12V)<br>Thunderbolt PCIe card<br>PS/2 and Serial port card, Full Height | USB Type-C® 3.2 Gen 2 (10 Gbps) PCIe Card, Full Height<br>USB 3.2 Gen 2 PCIe Card, Full Height<br>Serial/Parallel Port Card, Full Height<br>PS/2 and Serial port card, Full Height<br>Zoom PCIe Card for Additional SSD |
| **OPTICAL DRIVE** | Dell Slimline 8x DVD +/- RW (optional)<br>Dell Slimline 8x DVD +/- ROM (optional) | Dell Slimline 8x DVD +/- RW (optional)<br>Dell Slimline 8x DVD +/- ROM (optional) |
| **DIMENSIONS** | **US Dimensions**<br>Height: 14.45 in. (367.00 mm)<br>Width: 6.65 in. (169.00 mm)<br>Depth: 11.84 in. (300.80 mm)<br>Weight (Minimum): 13.07 lb (5.93 kg)<br>Weight (Maximum): 21.24 lb (9.63 kg)<br><br>**ROW Dimensions**<br>Height: 367.00 mm (14.45 in.)<br>Width: 169.00 mm (6.65 in.)<br>Depth: 300.80 mm (11.84 in.)<br>Weight (Minimum): 5.93 kg (13.07 lb)<br>Weight (Maximum): 9.63 kg (21.24 lb) | **US Dimensions**<br>Height: 12.77 in. (324.30 mm)<br>Width: 6.06 in. (154.00 mm)<br>Depth: 11.50 in. (292.20 mm)<br>Weight (Minimum): 11.42 lb (5.18 kg)<br>Weight (Maximum): 14.04 lb (6.37 kg)<br><br>**ROW Dimensions**<br>Height: 324.30 mm (12.77 in.)<br>Width: 154.00 mm (6.06 in.)<br>Depth: 292.20 mm (11.50 in.)<br>Weight (Minimum): 5.18 kg (11.42 lb)<br>Weight (Maximum): 6.37 kg (14.04 lb) |
| **PRODUCTIVITY SOFTWARE[1]** | Adobe Acrobat<br>Adobe Creative Cloud<br>Adobe Lightroom<br>Adobe Photoshop Elements<br>China HDD Deluxe<br>Dell Hybrid Client 1.6 (optional)<br>Dell Hybrid Client (Ubuntu)<br>Microsoft Office 30-day trial<br>Microsoft Office Home and Business 2019<br>Microsoft Office Professional 2019 | Adobe Acrobat<br>Adobe Creative Cloud<br>Adobe Lightroom<br>Adobe Photoshop Elements<br>China HDD Deluxe<br>Dell Hybrid Client 1.6 (optional)<br>Dell Hybrid Client (Ubuntu)<br>Microsoft Office 30-day trial<br>Microsoft Office Home and Business 2019<br>Microsoft Office Professional 2019 |

**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). |
| | **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. |
| ECO-LABELS[1] | **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/ |
| | **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://tcocertified.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). |
| MULTI-PACK SHIPPING[1] | **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 | 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 | |
| REGULATORY[4,6] | 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 NUMBER[1] | **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 |

**Dell**Technologies

**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 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. |

**D&LL**Technologies

| FEATURE | TECHNICAL SPECIFICATION | TECHNICAL SPECIFICATION |
|---|---|---|
| MODEL NUMBER[1] | 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 TERMS[6] | 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 DAMAGE[1] | 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. **Dell has the industry's most secure commercial PCs -** with built-in below the OS security features that our competitors cannot match. 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. Do not use in China, Colombia, or Guatemala.
2. **Dell has the industry's most intelligent commercial PCs -** Based on Dell analysis, November 2023. Dell Optimizer not available in OptiPlex 3000 series, Latitude Chromebook Enterprise, and Linux-based devices. Feature availability and functionality may vary by model. For more details visit: https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/technical-support/dell-optimizer-features-availability-matrix.pdf.external
3. **Dell has the industry's most manageable commercial PCs  -** Based on Dell internal analysis, January 2024. Details: Most manageable commercial PC 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.

Page 2

1. **Dell has the industry's most secure commercial PCs**. (Claim Details: Cover page - #1)
2. **Dell has the industry's most intelligent commercial PCs.** (Claim Details:  Cover page - #2)
3. **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.
4. **Dell is the world's #1 monitor company. Source:** IDC Worldwide Quarterly PC Monitor Tracker, Q1 2024.
5. **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.
6. **Dell has the industry's most manageable commercial PCs**  (Claim details: Cover page - #3)
7. **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).
8. **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.
9. **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.
10. **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.
11. **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.
12. **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 withat 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. **Dell has the industry's most intelligent commercial PC's.** (Claim Details:  Cover page - #2)
2. **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.
3. 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.*
4. *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.
5. **Integrations available for CrowdStrike Falcon Insight XDR and Carbon Black Audit & Remediation.

**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 Premium 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 - #3); 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/servicedescriptions.
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.