



# Precision 7960 Tower

Amplify your productivity

Dell Technologies is the world's number one workstation company\*

# Precision 7960 Tower



## Intelligent performance

Up to Intel Xeon (385W), 60 cores, AMD or NVIDIA (4x 300W) graphics, 152TB storage, (8) M.2 in FlexBays, (8) PCIe Gen 4/5 slots, 4TB of 4800MHz (DDR5) memory, high speed I/O including optional Thunderbolt™ 4

Dell Optimizer for Precision

## User experience

Front and rear accessible and lockable storage

Fast network speeds  
(1G + 10G Native)

USB 3.2 Type C and A ports

## Mission critical reliability and security

ISV Certifications

ECC with Reliable Memory Technology Pro

Advanced thermals

TPM 2.0, lockable chassis with intrusion detection, self encrypting drives

# Amplify your productivity.

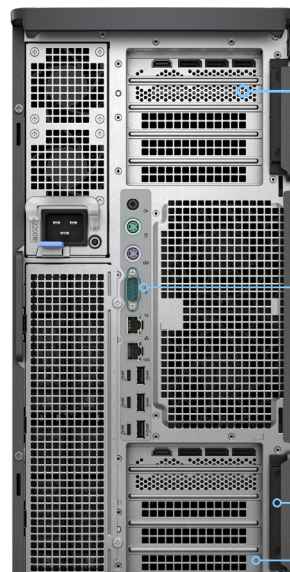
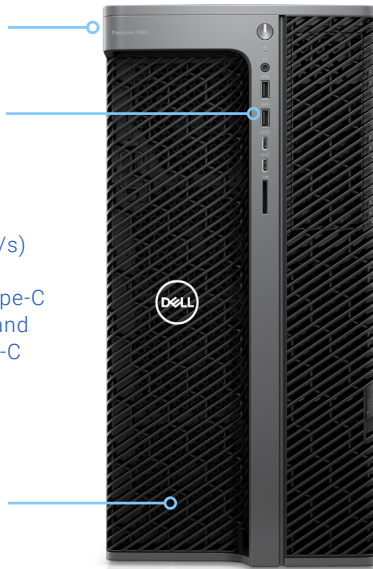
Scale performance to meet your highest requirements, deliver projects with record speeds, while fitting more iterations within your project timelines.

**Lockable, tool-less side panel, intrusion detection.**

**Front ports**

- Power toggle button with LED
- HDD activity LED
- Universal Audio port
- (2) USB 3.2 Gen 1 (5Gb/s) Type A
- (1) USB 3.2 Gen 2x2 Type-C port with PowerShare and
- (1) USB 3.2 Gen 2 Type-C port
- (1) SD 4.0 card reader

**Breathable front bezel.**



**(4) Expansion card slots**

**Back ports**

- Audio line out
- Power cord connector
- Mouse port
- Keyboard port
- Serial Port
- RJ45 (1Gb)
- RJ45 (10Gb)
- (3) USB 3.2 Gen 2 (10Gb/s) TypeC
- (3) USB 3.2 Gen 1 (5Gb/s) Type A

**Easy access for expansion slots**

**(4) Expansion card slots**

VR and AI Ready

EPEAT Gold Certified

Reliable Memory Technology Pro

ISV Certified

▶ [Click here to view the 3D Product Viewer](#)



# Sustainability on Dell Precision 7960 Tower

## Built with sustainable materials

This Precision workstation incorporates up to 41% post-consumer recycled plastic content in its construction, including closed-loop plastic.\*\*

## Packaging innovation

Ships in packaging made with at least 95.8% recycled or renewable content.\*

## Environmental Certifications & Registrations

Meeting the following environmental standards helps customers trust our sustainability efforts and see how our products adhere to energy-efficiency specifications and other climate-related standards.



See how we are reducing the impact of our products and solutions  
[Dell.com/Sustainable-Devices](https://Dell.com/Sustainable-Devices)

\*48.3% recycled content and 47.5% renewable materials in the form of sustainably sourced fibers. Percentages may vary slightly by region. Excludes optional items added to order and included in box.  
\*\*Based on internal analysis, November 2023. Percentage based on plastic weight.

FEATURE	TECHNICAL SPECIFICATION
<b>MODEL NUMBER<sup>1</sup></b>	Precision 7960 Tower
<b>CHIPSET</b>	Intel W790
<b>PROCESSOR OPTIONS<sup>1</sup></b>	<p>Intel® Xeon® w9-3595X 112.5MB Cache, 60 cores, 120 threads, 2.0GHz to 4.8GHz Turbo 385W</p> <p>Intel® Xeon® w9-3575X 97.5MB Cache, 44 cores, 88 threads, 2.2GHz to 4.8GHz Turbo 340W</p> <p>Intel® Xeon® w7-3565X 82.5MB Cache, 32 cores, 64 threads, 2.5GHz to 4.8GHz Turbo 335W</p> <p>Intel® Xeon® w7-3555 75MB Cache, 28 cores, 56 threads, 2.7GHz to 4.8GHz Turbo 325W</p> <p>Intel® Xeon® w7-3545 67.5MB Cache, 24 cores, 48 threads, 2.7GHz to 4.8GHz Turbo 310W</p> <p>Intel® Xeon® w5-3535X 52.5MB Cache, 20 cores, 40 threads, 2.9GHz to 4.8GHz Turbo 300W</p> <p>Intel® Xeon® w5-3525 45MB Cache, 16 cores, 32 threads, 3.2GHz to 4.8GHz Turbo 290W</p> <p>Intel® Xeon® w9-3595X 112.5MB Cache, 60 cores, 120 threads, 2.0GHz to 4.8GHz Turbo 385W</p> <p>Intel® Xeon® w9-3575X 97.5MB Cache, 44 cores, 88 threads, 2.2GHz to 4.8GHz Turbo 340W</p> <p>Intel® Xeon® w7-3565X 82.5MB Cache, 32 cores, 64 threads, 2.5GHz to 4.8GHz Turbo 335W</p> <p>Intel® Xeon® w7-3555 75MB Cache, 28 cores, 56 threads, 2.7GHz to 4.8GHz Turbo 325W</p> <p>Intel® Xeon® w7-3545 67.5MB Cache, 24 cores, 48 threads, 2.7GHz to 4.8GHz Turbo 310W</p> <p>Intel® Xeon® w5-3535X 52.5MB Cache, 20 cores, 40 threads, 2.9GHz to 4.8GHz Turbo 300W</p> <p>Intel® Xeon® w5-3525 45MB Cache, 16 cores, 32 threads, 3.2GHz to 4.8GHz Turbo 290W</p> <p>Intel® Xeon® w9-3495X 105MB Cache, 56 cores, 112 threads, 1.9GHz to 4.8GHz Turbo 350W</p> <p>Intel® Xeon® w9-3475X 82.5MB Cache, 36 cores, 72 threads, 2.2GHz to 4.8GHz Turbo 300W</p> <p>Intel® Xeon® w7-3465X 75MB Cache, 28 cores, 56 threads, 2.5GHz to 4.8GHz Turbo 300W</p> <p>Intel® Xeon® w7-3455 67.5MB Cache, 24 cores, 48 threads, 2.5GHz to 4.8GHz Turbo 270W</p> <p>Intel® Xeon® w7-3445 52.5MB Cache, 20 cores, 40 threads, 2.6GHz to 4.8GHz Turbo 270W</p> <p>Intel® Xeon® w5-3435X 45MB Cache, 16 cores, 32 threads, 3.1GHz to 4.7GHz Turbo 270W</p> <p>Intel® Xeon® w5-3425 30MB Cache, 12 cores, 24 threads, 3.2GHz to 4.6GHz Turbo 270W</p> <p>Intel® Xeon® w5-3433 45MB Cache, 16 cores, 32 threads 2.0GHz to 4.2GHz Turbo 220W</p> <p>Intel® Xeon® w5-3423 30MB Cache, 12 cores, 24 threads, 2.1GHz to 4.2GHz Turbo 220W</p>
<b>GRAPHICS</b>	<p><b>NVIDIA:</b></p> <p>NVIDIA® RTX™ A800 40GB GDDR6 - no display output - requires T1000 for display</p> <p>NVIDIA® RTX™ 6000 Ada, 48 GB GDDR6</p> <p>NVIDIA® RTX™ A6000, 48 GB GDDR6</p> <p>NVIDIA® RTX™ A5500, 24 GB GDDR6</p> <p>NVIDIA® RTX™ 5000 Ada, 32 GB GDDR6</p> <p>NVIDIA® RTX™ 4500 Ada, 24 GB GDDR6</p> <p>NVIDIA® RTX™ A4500, 20 GB GDDR6</p> <p>NVIDIA® RTX™ 4000 Ada, 20 GB GDDR6</p> <p>NVIDIA® RTX™ A4000, 16 GB GDDR6</p> <p>NVIDIA® RTX™ 2000 Ada, 16 GB GDDR6</p> <p>NVIDIA® RTX™ A2000, 12 GB GDDR6</p> <p>NVIDIA® T1000, 8 GB GDDR6</p> <p>NVIDIA® T400, 4 GB GDDR6</p> <p><b>AMD:</b></p> <p>AMD Radeon™ Pro W6300, 2GB GDDR6</p> <p>AMD Radeon™ Pro W6400, 4GB GDDR6</p> <p>AMD Radeon™ Pro W6600, 8 GB GDDR6</p> <p>AMD Radeon™ Pro W6800, 32 GB GDDR6</p> <p>AMD Radeon™ Pro W7500, 8 GB GDDR6</p> <p>AMD Radeon™ Pro W7600, 8 GB GDDR6</p> <p>AMD Radeon™ Pro W7700, 16 GB GDDR6</p> <p>AMD Radeon™ Pro W7900, 48 GB GDDR6</p>
<b>OPERATING SYSTEM<sup>1</sup></b>	<p>Windows 11 for Workstations</p> <p>Ubuntu® 22.04, 64-bit</p> <p>Red Hat® Linux® 8.6 Enterprise WS</p>
<b>MEMORY OPTIONS<sup>1,2,3</sup></b>	<p>16GB, 1 x 16GB, DDR5, 4800MHz, ECC</p> <p>32GB, 1 x 32GB, DDR5, 4800MHz, ECC</p> <p>32GB, 2 x 16GB, DDR5, 4800MHz, ECC</p> <p>64GB, 1 x 64GB, DDR5, 4800MHz, ECC</p> <p>64GB, 2 x 32GB, DDR5, 4800MHz, ECC</p> <p>64GB, 4 x 16GB, DDR5, 4800MHz, ECC</p> <p>96GB, 6 x 16GB, DDR5, 4800MHz, ECC</p> <p>128GB, 1 x 128GB, DDR5, 4800MHz, ECC</p> <p>128GB, 2 x 64GB, DDR5, 4800MHz, ECC</p> <p>128GB, 4 x 32GB, DDR5, 4800MHz, ECC</p> <p>128GB, 8 x 16GB, DDR5, 4800MHz, ECC</p> <p>192GB, 6 x 32GB, DDR5, 4800MHz, ECC</p> <p>192GB, 12 x 16GB, DDR5, 4800MHz, ECC</p> <p>256GB, 1 x 256GB, DDR5, 4800MHz, ECC</p> <p>256GB, 2 x 128GB, DDR5, 4800MHz, ECC</p> <p>256GB, 4 x 64GB, DDR5, 4800MHz, ECC</p> <p>256GB, 8 x 32GB, DDR5, 4800MHz, ECC</p> <p>256GB, 16 x 16GB, DDR5, 4800MHz, ECC</p> <p>384GB, 6 x 64GB, DDR5, 4800MHz, ECC</p> <p>384GB, 12 x 32GB, DDR5, 4800MHz, ECC</p> <p>512GB, 2 x 256GB, DDR5, 4800MHz, ECC</p> <p>512GB, 4 x 128GB, DDR5, 4800MHz, ECC</p> <p>512GB, 8 x 64GB, DDR5, 4800MHz, ECC</p> <p>512GB, 16 x 32GB, DDR5, 4800MHz, ECC</p> <p>768GB, 6 x 128GB, DDR5, 4800MHz, ECC</p> <p>768GB, 12 x 64GB, DDR5, 4800MHz, ECC</p> <p>1 TB, 4 x 256GB, DDR5, 4800MHz, ECC</p> <p>1 TB, 8 x 128GB, DDR5, 4800MHz, ECC</p> <p>1 TB, 16 x 64GB, DDR5, 4800MHz, ECC</p> <p>1.5 TB, 6 x 256GB, DDR5, 4800MHz, ECC</p> <p>1.5 TB, 12 x 128GB, DDR5, 4800MHz, ECC</p> <p>2 TB, 8 x 256GB, DDR5, 4800MHz, ECC</p> <p>2 TB, 16 x 128GB, DDR5, 4800MHz, ECC</p> <p>3 TB, 12 x 256GB, DDR5, 4800MHz, ECC</p> <p>4 TB, 16 x 256GB, DDR5, 4800MHz, ECC</p> <p>16 DIMM slots across 8 Memory Channels per CPU</p> <p>Memory clocks down to 4400MHz or lower (CPU dependent) in configurations with 2 DIMMs per channel</p>
<b>BOOT DRIVES<sup>1,5</sup></b>	<p>M.2 2280, 512GB, PCIe NVMe Gen4 x4, SSD, Class 40</p> <p>M.2 2280, 1TB, PCIe NVMe Gen4 x4, SSD, Class 40</p> <p>M.2 2280, 2TB, PCIe NVMe Gen4 x4, SSD, Class 40</p> <p>M.2 2280, 4TB, PCIe NVMe Gen4 x4, SSD, Class 40</p>

FEATURE	TECHNICAL SPECIFICATION
<b>MODEL NUMBER<sup>1</sup></b>	Precision 7960 Tower
<b>STORAGE CONTROLLERS</b>	<p>Integrated: Intel chipset 6Gb/s SATA controller supporting up to 8 ports for SATA HDD/SSD. 1 port for optical drive. Intel vROC SW SATA RAID 0,1,5,10 supported across up to 8 SATA ports</p> <p>Integrated Intel chipset controller supports up to 8 M.2 NVMe drives in 4 externally-facing FlexBays or up to 8 M.2 NVMe drives in 2 Dell Ultra-Speed Drive Quad x16 PCIe cards. Optional Intel vROC Standard SW NVMe RAID 0,1,10 option - (motherboard activation key) for M.2 NVMe PCIe SSDs in FlexBays or on Ultra-Speed Drive Quad x16 or Duo x8 card (0,1). Maximum 4 drives per RAIDset. Supports 2 FlexBay NVMe RAIDsets - up to 4 drives in front and up to 4 drives in rear Flexbays, Optional Intel vROC Premium SW NVMe RAID 0,1,5,10 option adds RAID 5 Optional MegaRAID 9660 SATA/SAS HW RAID controller. RAID 0,1,5,10. Supports up to 10 SATA/SAS drives or up to 4 M.2 NVMe drives in front FlexBays. Optional MegaRAID 9540 SATA/SAS RAID controller. RAID 0,1,10. Supports up to 8 SATA/SAS drives</p>
<b>CASE COLOR</b>	Dell Standard Black
<b>PRODUCTIVITY SOFTWARE<sup>1</sup></b>	<p>Microsoft Office Home and Business 2021 Microsoft Office Professional 2021 - Commercial Dell Optimizer for Precision</p>
<b>ACCIDENTAL DAMAGE SERVICES</b>	<p>3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service</p>
<b>CHASSIS</b>	Full-size tower - 19" Rack Mount Kit available (Takes 5U rack space)
<b>PORTS</b>	<p>Front: (2) USB 3.2 Gen 1 ports USB 3.2 Gen 2 Type-C port with PowerShare USB 3.2 Gen 2 Type-C port Universal audio port SD-card slot</p> <p>Rear: (3) USB 3.2 Gen 2 Type-C ports (2) USB 3.2 Gen 1 ports USB 3.2 Gen 1 port with Smart Power On RJ45 Ethernet port, 1GBE RJ45 Ethernet port, 10GBE Line-out port Serial port (2) PS2 ports</p>
<b>OPTICAL DRIVE</b>	<p>8x DVD-ROM 9.5mm optical drive 8x DVD+/-RW 9.5mm optical drive 16x DVD+/-RW half-height optical drive</p>
<b>SLOTS</b>	<p>2 full-height Gen5 PCIe x16 slots 2 full-height Gen4 PCIe x16 slots 2 full-height Gen4 PCIe x8 slots 2 full-height, half length Gen4 PCIe x8 slots wired as x4 electrically 8 Externally facing (4 front, 4 rear) drive bays with optical drive configuration 10 Externally facing (6 front, 4 rear) drive bays without optical drive configuration Up to 8 M.2 NVMe drives (4 in front, 4 in rear)</p>
<b>ADD-IN CARDS</b>	<p>Intel® Ethernet Network Adapter X710GBE NIC Card Intel® Ethernet Network Adapter i225 2.5GBE NIC Card Thunderbolt™ 4 PCIe card Dell Precision Ultra-Speed Drive Quad (x16) and Duo (x8) PCIe cards support M.2 NVMe drives with active cooling with up to 4 and 2 NVMe drives respectively Broadcom MegaRAID 9540 SATA/SAS RAID controller Broadcom MegaRAID 9660 SATA/SAS HW RAID controller (also supports up to 4 M.2 NVMe drives in front FlexBays.) Qualcomm® WCN6856-DBS Wi-Fi 6E, Bluetooth 5.3 wireless LAN card USB 3.1 PCIe card</p>
<b>DIMENSIONS</b>	<p>U.S. Height: 16.96in. / 17.09in. with runner feet Width: 8.58in. Depth: 21.19in. / 22.41in. with lock structure</p> <p>Weight: Maximum: 82.82lbs. Typical: 52.50lbs. Minimum: 46.39lbs.</p> <p>Rest of the world Height: 430.70mm / 434.20mm with runner feet Width: 218.00mm Depth: 538.30mm / 569.15mm with lock structure</p> <p>Weight: Maximum: 37.56kg Typical: 23.81kg Minimum: 21.04kg</p>
<b>AUDIO &amp; SPEAKERS<sup>1</sup></b>	Realtek ALC3246-CGT Internal Speakers
<b>WIRELESS</b>	Qualcomm® WCN6856-DBS, 2x2 MIMO, 3571Mbps, 2.4GHz/5GHz/6GHz, Wi-Fi 6E (Wi-Fi 802.11ax), Bluetooth 5.2
<b>POWER SUPPLIES</b>	<p>1100W (for AC input voltage of 108VAC - 180VAC) 1400W (input voltage 181VAC - 240VAC) –90% efficient (80PLUS Gold Certified). 1500W (for AC input voltage of 108VAC - 180VAC) 2200W (input voltage 181VAC - 240VAC) –90% efficient (80PLUS Platinum Certified). 1500W/2200W PSUs have C19 AC cord and require 20A circuit @115V or a 220V circuit Externally accessible/removable/lockable</p>
<b>REGULATORY<sup>8,12</sup></b>	<p>Product Safety, EMC and Environmental Datasheets: <a href="https://www.dell.com/learn/sg/en/sghcorp1/product-info-datasheets-safety-emc-environmental">https://www.dell.com/learn/sg/en/sghcorp1/product-info-datasheets-safety-emc-environmental</a> Dell Regulatory Compliance Home Page: <a href="https://www.dell.com/learn/sg/en/sghcorp1/regulatory-compliance">https://www.dell.com/learn/sg/en/sghcorp1/regulatory-compliance</a> Dell and the Environment: <a href="https://www.dell.com/en-sg/dt/corporate/social-impact/advancing-sustainability/sustainable">https://www.dell.com/en-sg/dt/corporate/social-impact/advancing-sustainability/sustainable</a></p>

FEATURE	TECHNICAL SPECIFICATION
<b>MODEL NUMBER<sup>1</sup></b>	Precision 7960 Tower
<b>HARDWARE SECURITY</b>	<ul style="list-style-type: none"> <li>Kensington security-cable slot</li> <li>Padlock loop</li> <li>Chassis lock support - Coin locker</li> <li>Chassis intrusion switch</li> <li>Optional lockable bezels for externally-facing front and rear storage FlexBays</li> <li>TPM 2.0 Discrete Hardware</li> </ul>
<b>SECURITY SOFTWARE</b>	<ul style="list-style-type: none"> <li>McAfee® Small Business Security 30-Day Free Trial</li> <li>McAfee® Small Business Security 12-month subscription</li> <li>McAfee® Small Business Security 36 month subscription</li> <li>Dell Encryption Personal</li> <li>Dell Encryption Enterprise</li> <li>Dell Encryption External Media</li> <li>Dell BitLocker Manager</li> <li>Dell SafeGuard and Response VMW Carbonblack</li> <li>Endpoint Standard</li> </ul>
<b>WARRANTY<sup>9,10</sup></b>	<ul style="list-style-type: none"> <li>3-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis</li> <li>4-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis</li> <li>5-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis</li> <li>3-year ProSupport with Next Business Day on-site service</li> <li>4-year ProSupport with Next Business Day on-site service</li> <li>5-year ProSupport with Next Business Day on-site service</li> <li>3-year ProSupport Plus for Client with Next Business Day on-site service</li> <li>4-year ProSupport Plus for Client with Next Business Day on-site service</li> <li>5-year ProSupport Plus for Client with Next Business Day on-site service</li> </ul>
<b>CONFIGURATION SERVICES</b>	<ul style="list-style-type: none"> <li>Factory image load</li> <li>BIOS customization</li> <li>Hardware customization</li> <li>Asset Tagging and Reporting</li> </ul>
<b>RECOMMENDED ACCESSORIES</b>	<ul style="list-style-type: none"> <li>Mouse: <ul style="list-style-type: none"> <li>3Dconnexion SpaceMouse Wireless</li> </ul> </li> <li>Cables, Dongles, Adapters: <ul style="list-style-type: none"> <li>Dell Adapter - DisplayPort to HDMI 2.0 (4K)</li> </ul> </li> <li>Audio Headsets: <ul style="list-style-type: none"> <li>Dell Pro Wireless Headset - WL5022</li> </ul> </li> <li>Display: <ul style="list-style-type: none"> <li>Dell UltraSharp 27 Monitor - U2722D</li> <li>Dell UltraSharp 32 HDR PremierColor Monitor - UP3221Q</li> </ul> </li> <li>Keyboards: <ul style="list-style-type: none"> <li>Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W</li> </ul> </li> <li>Webcam: <ul style="list-style-type: none"> <li>Dell UltraSharp Webcam - WB7022</li> </ul> </li> </ul>

1. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Technical Guidebook published on [www.dell.com/support](http://www.dell.com/support).
2. System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.
3. 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.
4. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality
5. Storage Option:GB means 1 billion bytes andTB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
6. TPM is available in selected regions.
7. Absolute: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at [www.lockforlaptops.com](http://www.lockforlaptops.com).
8. Please refer to [www.epeat.net](http://www.epeat.net) for specific country registration rating and participation.
9. Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [www.dell.com/warranty](http://www.dell.com/warranty).
10. on-site service after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty ([www.dell.com/warranty](http://www.dell.com/warranty)) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.
11. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicesdescriptions](http://www.dell.com/servicesdescriptions).
12. For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information [www.dell.com/support/home/us/en/19](http://www.dell.com/support/home/us/en/19).