



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 (350W), 56 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

Dell Optimizer for Precision

Dell Optimizer is our AI-based optimization software that learns and responds to the way you work, designed to automatically improve application and device performance, PC and accessory battery run-time, audio/video settings and privacy – all in the background while you're working.



Boost productivity up to 28% on routine tasks¹

Application Optimization analyzes how you use your preferred apps to increase performance, helping you handle tasks efficiently.

Access personalized insights

Our Analytics feature monitors the utilization of your PC by analyzing your system's battery, storage, CPU, and memory behavior to review your system's reliability and problem history.

Get up to 18% in power savings²

Save energy without sacrificing performance for ultimate efficiency with Power Optimization. Achieve power savings when you set your PC to Quiet Mode on your thermal management settings – giving you up to 2.4 watts of power savings compared to default mode.*

Enhanced audio

Intelligent Audio senses your surroundings and improves the conferencing experience by removing unwanted sounds, alerts you when your voice quality is poor, and provides a better collaboration experience for you and all call participants.

Experience 2x faster network performance¹

Network Optimization provides the world's first simultaneous multi-network connection for faster data and video downloads³, and joins the best network⁴ available.

An intelligent ecosystem

Enjoy easy pairing and management of your Dell monitors and accessories with the integration of Dell Display Manager and Dell Peripheral Manager.

▶ [Click here to learn more about Dell Optimizer](#)

1. Based on A Principled Technologies Report that ran PC performance benchmarks on Dell Latitude 9430 laptops and OptiPlex 7400 all-in-one desktop PCs: Improve PC app performance, battery charging, and end-user experiences with Dell Optimizer, June 2023

2. This is based on a Dell internal study, testing power and performance within our Dell Optimizer power module. White paper published November 2022 <https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/industry-market/maximizing-power-efficiency-with-dell-optimizer-a-case-study.pdf>

3. Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.

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*Based on Dell internal analysis, September 2022. Not all features available with all PCs. Additional purchase required for some features.

Amplify your productivity.

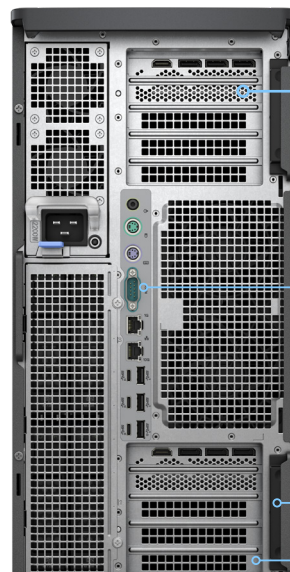
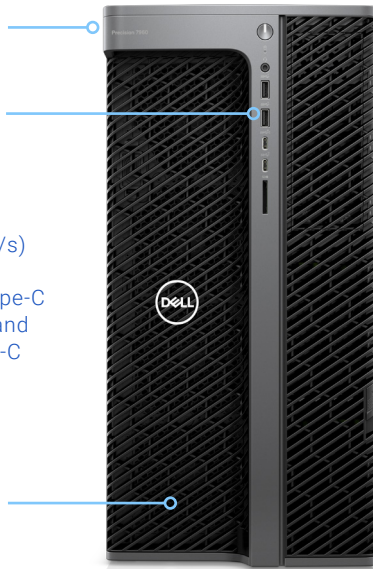
Scale performance to meet your highest requirements, deliver projects with record speeds, while fitting more iterations within your project timelines.

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

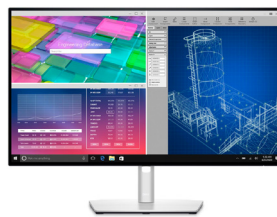
*48.3% recycled content and 47.5% renewable materials in the form of sustainably sourced fibers. Percentages may vary slightly by region. Excludes optional items added to order and included in box.
**Based on internal analysis, November 2023. Percentage based on plastic weight.

Recommended Accessories



Dell UltraSharp 32 HDR PremierColor Monitor - UP3221Q

Create phenomenal 4K HDR content on the world's first professional monitor with 2K mini-LED direct backlit dimming zones.*



Dell UltraSharp 27 Monitor - U2722D

Elevate your productivity on this innovative 27-inch QHD Hub monitor with a wide color coverage including DCI-P3. Features ComfortView Plus an always-on built-in low blue light screen, USB-C with up to 90W power delivery, and RJ45 connectivity.



Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W

Multi-task seamlessly across 3 devices with this premium full-size keyboard and sculpted mouse combo featuring programmable shortcuts and 36 months battery life.



Dell Speakerphone SP3022

Experience rich, clear sound with the intelligent, Microsoft Teams-certified speakerphone.



3Dconnexion SpaceMouse Pro Wireless - 3DX-700075

SpaceMouse® Pro Wireless offers professional 3D navigation, advanced ergonomic design, reliable connectivity with a high performance Universal Receiver and much more with up to two months of battery life.



HTC VIVE Cosmos 3D VR Headset - MFG 99HARL000-00 Dell part AA809644

Dive into virtual reality experiences with this HTC VIVE Cosmos 3-D virtual reality headset. A simple design eliminates the need for a base station, while the flip-up display lets you quickly escape to answer calls and texts.

► [Explore solutions for the Future of Work](#)

FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER¹	Precision 7960 Tower
CHIPSET	Intel W790
PROCESSOR OPTIONS¹	Intel® Xeon® w9-3495X (105MB Cache, 56 cores, 112 threads, 1.9GHz to 4.8GHz Turbo 350W) Intel® Xeon® w9-3475X (82.5MB Cache, 36 cores, 72 threads, 2.2GHz to 4.8GHz Turbo 300W) Intel® Xeon® w7-3465X (75MB Cache, 28 cores, 56 threads, 2.5GHz to 4.8GHz Turbo 300W) Intel® Xeon® w7-3455 (67.5MB Cache, 24 cores, 48 threads, 2.5GHz to 4.8GHz Turbo 270W) Intel® Xeon® w7-3445 (52.5MB Cache, 20 cores, 40 threads, 2.6GHz to 4.8GHz Turbo 270W) Intel® Xeon® w5-3435X (45MB Cache, 16 cores, 32 threads, 3.1GHz to 4.7GHz Turbo 270W) Intel® Xeon® w5-3425 (30MB Cache, 12 cores, 24 threads, 3.2GHz to 4.6GHz Turbo 270W) Intel® Xeon® w5-3433 (45MB Cache, 16 cores, 32 threads 2.0GHz to 4.2GHz Turbo 220W) Intel® Xeon® w5-3423 (30MB Cache, 12 cores, 24 threads, 2.1GHz to 4.2GHz Turbo 220W)
GRAPHICS	<p>NVIDIA: NVIDIA® RTX™ A800 40GB GDDR6 - no display output - requires T1000 for display NVIDIA® RTX™ 6000 ADA 48GB GDDR6 NVIDIA® RTX™ A6000, 48GB GDDR6 NVIDIA® RTX™ A5500, 24GB GDDR6 NVIDIA® RTX™ 5000 ADA 32GB GDDR6 NVIDIA® RTX™ A4500 ADA 24GB GDDR6 NVIDIA® RTX™ A4500, 20GB GDDR6 NVIDIA® RTX™ 4000 ADA 20GB GDDR6 NVIDIA® RTX™ A4000, 16GB GDDR6 NVIDIA® RTX™ A2000, 12GB GDDR6 NVIDIA® T1000, 8GB GDDR6 NVIDIA® T400, 4GB GDDR6</p> <p>AMD: AMD Radeon Pro™ W7900 48GB GDDR6 AMD Radeon™ Pro W6800, 32GB GDDR6 AMD Radeon™ Pro W6600, 8GB GDDR6 AMD Radeon™ Pro W6400, 4GB GDDR6</p>
OPERATING SYSTEM¹	Windows 11 for Workstations Ubuntu® 22.04, 64-bit Red Hat® Linux® 8.6 Enterprise WS
MEMORY OPTIONS^{1,2,3}	16GB, 1 x 16GB, DDR5, 4800MHz, ECC 32GB, 1 x 32GB, DDR5, 4800MHz, ECC 32GB, 2 x 16GB, DDR5, 4800MHz, ECC 64GB, 1 x 64GB, DDR5, 4800MHz, ECC 64GB, 2 x 32GB, DDR5, 4800MHz, ECC 64GB, 4 x 16GB, DDR5, 4800MHz, ECC 96GB, 6 x 16GB, DDR5, 4800MHz, ECC 128GB, 1 x 128GB, DDR5, 4800MHz, ECC 128GB, 2 x 64GB, DDR5, 4800MHz, ECC 128GB, 4 x 32GB, DDR5, 4800MHz, ECC 128GB, 8 x 16GB, DDR5, 4800MHz, ECC 192GB, 6 x 32GB, DDR5, 4800MHz, ECC 192GB, 12 x 16GB, DDR5, 4800MHz, ECC 256GB, 1 x 256GB, DDR5, 4800MHz, ECC 256GB, 2 x 128GB, DDR5, 4800MHz, ECC 256GB, 4 x 64GB, DDR5, 4800MHz, ECC 256GB, 8 x 32GB, DDR5, 4800MHz, ECC 256GB, 16 x 16GB, DDR5, 4800MHz, ECC 384GB, 6 x 64GB, DDR5, 4800MHz, ECC 384GB, 12 x 32GB, DDR5, 4800MHz, ECC 512GB, 2 x 256GB, DDR5, 4800MHz, ECC 512GB, 4 x 128GB, DDR5, 4800MHz, ECC 512GB, 8 x 64GB, DDR5, 4800MHz, ECC 512GB, 16 x 32GB, DDR5, 4800MHz, ECC 768GB, 6 x 128GB, DDR5, 4800MHz, ECC 768GB, 12 x 64GB, DDR5, 4800MHz, ECC 1 TB, 4 x 256GB, DDR5, 4800MHz, ECC 1 TB, 8 x 128GB, DDR5, 4800MHz, ECC 1 TB, 16 x 64GB, DDR5, 4800MHz, ECC 1.5 TB, 6 x 256GB, DDR5, 4800MHz, ECC 1.5 TB, 12 x 128GB, DDR5, 4800MHz, ECC 2 TB, 8 x 256GB, DDR5, 4800MHz, ECC 2 TB, 16 x 128GB, DDR5, 4800MHz, ECC 3 TB, 12 x 256GB, DDR5, 4800MHz, ECC 4 TB, 16 x 256GB, DDR5, 4800MHz, ECC 16 DIMM slots across 8 Memory Channels per CPU Memory clocks down to 4400MHz or lower (CPU dependent) in configurations with 2 DIMMs per channel
BOOT DRIVES^{1,5}	M.2 2280, 512GB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 1TB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 2TB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 4TB, PCIe NVMe Gen4 x4, SSD, Class 40

FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER¹	Precision 7960 Tower
STORAGE CONTROLLERS	<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>
CASE COLOR	Dell Standard Black
PRODUCTIVITY SOFTWARE¹	<p>Microsoft Office Home and Business 2021 Microsoft Office Professional 2021 - Commercial Dell Optimizer for Precision</p>
ACCIDENTAL DAMAGE SERVICES	<p>3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service</p>
CHASSIS	Full-size tower - 19" Rack Mount Kit available (Takes 5U rack space)
PORTS	<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>
OPTICAL DRIVE	<p>8x DVD-ROM 9.5mm optical drive 8x DVD+-RW 9.5mm optical drive 16x DVD+-RW half-height optical drive</p>
SLOTS	<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>
ADD-IN CARDS	<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>
DIMENSIONS	<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>
AUDIO & SPEAKERS¹	Realtek ALC3246-CGT Internal Speakers
WIRELESS	Qualcomm® WCN6856-DBS, 2x2 MIMO, 3571Mbps, 2.4GHz/5GHz/6GHz, Wi-Fi 6E (Wi-Fi 802.11ax), Bluetooth 5.2
POWER SUPPLIES	<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>
REGULATORY^{8,12}	<p>Product Safety, EMC and Environmental Datasheets: https://www.dell.com/learn/sg/en/sgcorp1/product-info-datasheets-safety-emc-environmental Dell Regulatory Compliance Home Page: https://www.dell.com/learn/sg/en/sgcorp1/regulatory-compliance Dell and the Environment: https://www.dell.com/en-sg/dt/corporate/social-impact/advancing-sustainability/sustainable</p>

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MODEL NUMBER¹	Precision 7960 Tower
HARDWARE SECURITY	Kensington security-cable slot Padlock loop Chassis lock support - Coin locker Chassis intrusion switch Optional lockable bezels for externally-facing front and rear storage FlexBays TPM 2.0 Discrete Hardware
SECURITY SOFTWARE	McAfee® Small Business Security 30-Day Free Trial McAfee® Small Business Security 12-month subscription McAfee® Small Business Security 36 month subscription Dell Encryption Personal Dell Encryption Enterprise Dell Encryption External Media Dell BitLocker Manager Dell SafeGuard and Response VMW Carbonblack Endpoint Standard
WARRANTY^{9,10}	3-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis 4-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis 5-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis 3-year ProSupport with Next Business Day on-site service 4-year ProSupport with Next Business Day on-site service 5-year ProSupport with Next Business Day on-site service 3-year ProSupport Plus for Client with Next Business Day on-site service 4-year ProSupport Plus for Client with Next Business Day on-site service 5-year ProSupport Plus for Client with Next Business Day on-site service
CONFIGURATION SERVICES	Factory image load BIOS customization Hardware customization Asset Tagging and Reporting
RECOMMENDED ACCESSORIES	Mouse: 3Dconnexion SpaceMouse Wireless Cables, Dongles, Adapters: Dell Adapter - DisplayPort to HDMI 2.0 (4K) Audio Headsets: Dell Pro Wireless Headset - WL5022 Display: Dell UltraSharp 27 Monitor - U2722D Dell UltraSharp 32 HDR PremierColor Monitor - UP3221Q Keyboards: Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W Webcam: Dell UltraSharp Webcam - WB7022

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

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

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

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

5. Storage Option:GB means 1 billion bytes 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.lojackforlaptops.com.

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

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

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

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