

Dell Precision 3680 Tower Workstation Intel Core i9-14900 16GB RAM 512GB SSD Windows 11 pro 3 Year

Description

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Exceptional performance

Tear through workloads with new performance enhancements
With Unlimited Turbo Duration, processors run at unbelievable power levels and achieve turbo frequency whenever your workload demands it (125W CPUs only).**Best-in-class graphics**
Configure up to 450W professional graphics from NVIDIA or AMD, with dual graphics options available.
Scalable performance
Up to 28TB of storage, configurable with 3x on-board M.2 SSDs and 3x SATA hard drives. Up to 128GB of DDR5 memory.

Reliable and secure

Mission-critical reliability
Available with Error Code Correcting (ECC) memory and Dell exclusive Reliable Memory Technology Pro, which detects and corrects single bit memory errors and maps out bad memory sections to avoid them being written to. RMT Pro also alerts you when your memory is at a critical level and needs replaced — no more guessing.**Guarded and secure**
Designed with security features such as TPM 2.0, lockable chassis, chassis intrusion detection, lockable and removeable storage, self-encrypting storage, and more.

Independent Software Vendor (ISV) certification
Precision workstations are tested to ensure the high-performance applications you rely on every day run smoothly.

Extreme scalability in mini-tower design

Lockable, removable front storage

Secure and accessible data storage.**Fast network speeds**
Upload, download and stream with 1Gbe Ethernet (2.5GbE optional) and M.2 Wi-Fi 6E wireless.
Built-in upgradeability
Includes brackets and cables for easily installing SATA HDDs, even after purchase.**Experience a cooler and quieter system**
Our new Premium Air Cooler & Air Shroud creates a cool air chamber over the CPU to manage thermals and stay quiet, even under heavy load.
Ready for Virtual Reality
Create fully-immersive AR and VR content with next generation AMD Radeon PRO and NVIDIA RTX™ professional graphics,
and powerful performance normally found only in tower workstations.
Independent Software Vendor (ISV) certification

Precision workstations are tested to ensure the high-performance applications you rely on every day run smoothly.

AI ready workstation
Intelligently designed to support your latest AI initiatives, with scalable performance to meet the demanding requirements around training and testing models locally, as part of your AI infrastructure and strategy.

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Accelerate business success with Copilot and Windows 11 Pro

Industry-leading AI. Powerful cybersecurity. Designed for business.
AI-powered multi-tasking mastery for a new way of working with Windows 11 Pro. With features like Copilot in Windows, 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. Benefit from AI-enhanced efficiency, performance, and security today, and innovate to take on new challenges tomorrow.

Connectivity options

Ports and slots

Front

1. Power switch with LED
2. HDD activity LED
3. Universal audio port
4. (2) USB 3.2 Gen1 (5Gb/s) Type-A (Lower one with PowerShare)
5. (2) USB 3.2 Type-C Gen2 (10Gbps) data only – (Lower one with 2×2 (20 Gbps) Type-C® port with PowerShare)
6. SD-card slot

Rear ports and slots

7. Lock slot
8. Audio out (3.5mm jack)
9. (2) DP1.4a HBR2
10. (2) USB 3.2 Type-C Gen2 (10Gbps) (lower port has PowerShare)
11. (2) USB 3.2 Type-A Gen2 (10Gbps)
12. (2) USB 2.0 Type-A (480 Mbps) ports with SmartPower
13. RJ45 i219 LAN (1GbE) – Optional RJ45 i226 2.5GbE
14. Power connector

15. LED indicator light
16. Optional Module – can be one of these (VGA HD15, HDMI 2.0, DP 1.4a HBR3, USB 3.2 Gen2 Type-C w/ DP-Alt mode)PCIe Slots
Full-height Gen5 PCIe x16 slot
Full-height Gen3 PCIe x4 slot
Full-height Gen 4 PCIe x4 slot (open-ended)

Dimensions and Weight

Height: 14.68 in. (372.90 mm)

Width: 6.81 in. (173.00 mm)

Depth: 16.54 in. (420.20 mm)

Volume: 27.10 L

Min weight: 16.71 lbs. (7.58 kg)
Max weight: 35.38 lbs. (16.05 kg)
Important details: Weights vary depending on configurations and manufacturing variability.
Looking for exceptional performance? Check out the Dell Precision 7920 Workstation with **Intel® Xeon® 4210R**, **16GB RAM**, and **Windows 11 Pro** for powerful computing.

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