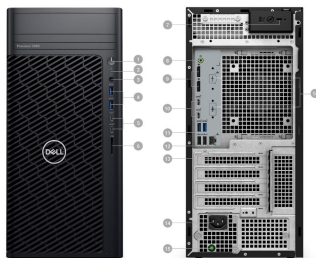


T3680-I7-16512GB-3YPS

Dell Precision Tower 3680 PC, i7-14700 5.4GHz, 16GB RAM, 512GB SSD, nVidia T1000 4GB Graphics, Win 11 Pro

Product Overview

Dell Precision Tower 3680 PC, Intel Core 14th Gen i7-14700 up to 5.4GHz 33MB Cache twenty Core (20) Processor with intergrated Intel UHD Graphics 770 (8 performace & 12 efficient Cores), 16GB DDR5-4400 Memory, 512GB M.2 PCI-e Solid State Drive, nVidia T1000 4GB GDDR6 Graphics card with 4 mDP to DP adapters, Windows 11 Pro 64bit, 500W (80 Plus Platinum) PSU, 1x USB 3.2 Gen 1 (5 Gbps) Port (Front), 1x USB 3.2 Gen 1 (5 Gbps) Port with PowerShare (Front), 1x USB 3.2 Gen 2 (10 Gbps) Type-C Port (Front), 1x USB 3.2 Gen 2x2 (20 Gbps) Type-C Port with PowerShare (Front), 1x Universal audio Port (Front), 2x DisplayPort 1.4a HBR2 Ports, 2x USB 2.0 (480 Mbps) Ports with SmartPower, 1x RJ45 (1 GbE) Ethernet Port, 2x USB 3.2 Gen 2 (10 Gbps) Ports, 2x USB 3.2 Gen 2 (10 Gbps) Type-C Ports, 1x audio Line-Out



Connectivity options

Front panel

- 1. Power button with LED
- 2. USB 3.2 Gen 1 (5 Gbps) Port
- 3. Universal Audio Port
- 4. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 5. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 6. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 7. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 8. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 9. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 10. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare

Rear panel

- 1. Power button with LED
- 2. USB 3.2 Gen 1 (5 Gbps) Port
- 3. Universal Audio Port
- 4. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 5. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 6. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 7. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 8. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 9. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare
- 10. USB 3.2 Gen 2 (10 Gbps) Type-C Port with PowerShare



Dimensions and Weight

- 1. Height: 14.6 in (370 mm)
- 2. Width: 14.6 in (370 mm)
- 3. Depth: 14.6 in (370 mm)

- Min weight: 16.7 lb (7.6 kg)
- Max weight: 16.7 lb (7.6 kg)

Weights vary depending on configuration and manufacturing variability.

Specifications

Overview:

Precision 3680 Tower Workstation

Exceptionally scalable performance in an entry tower design

The new 3680 Tower is world's fastest workstation for single-threaded performance, featuring new 14th Gen Intel Core processors with Unlimited Turbo Duration.

Features:

Mission-critical reliability

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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.

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 select locations. Check availability with your service provider

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.

Dell Optimizer

Personalized performance that automatically responds to your workstyle, with advanced privacy features and built-in AI that optimizes audio, connectivity, productivity and configurability, all in one software.

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 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. 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.

Front Ports and slots

- Power switch with LED
- HDD activity LED
- Universal audio port
- (2) USB 3.2 Gen1 (5Gb/s) Type-A (Lower one with PowerShare)
- (2) USB 3.2 Type-C Gen2 (10Gbps) data only - (Lower one with 2x2 (20 Gbps) Type-C port with PowerShare)
- SD-card slot

Rear ports and slots

- Lock slot

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- Audio out (3.5mm jack)
- (2) DP1.4a HBR2
- (2) USB 3.2 Type-C Gen2 (10Gbps) (lower port has PowerShare)
- (2) USB 3.2 Type-A Gen2 (10Gbps)
- (2) USB 2.0 Type-A (480 Mbps) ports with SmartPower
- RJ45 i219 LAN (1GbE) - Optional RJ45 i226 2.5GbE
- Power connector
- LED indicator light
- 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)

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)

Specifications:

Processor	Up to 14th Generation Intel Core i7 processor
Operating System	Windows 11 Pro, English, Brazilian Portuguese, French, Spanish
Graphics Card	Intel Integrated Graphics
Memory	DDR5, 4400 MT/s, non-ECC
Storage	M.2 2280, Gen 4 PCIe NVMe, SSD
Keyboard	Dell Multimedia Wired Keyboard - KB216 Black - US English
Mouse	Dell Optical Mouse - MS116 (Black)
Ports	Front:
	1 USB 3.2 Gen 1 (5 Gbps) port
	1 USB 3.2 Gen 1 (5 Gbps) port with PowerShare
	1 USB 3.2 Gen 2 (10 Gbps) Type-C port
	1 USB 3.2 Gen 2x2 (20 Gbps) Type-C port with PowerShare
	1 Universal Audio port
	Rear:
	2 DisplayPort 1.4a HBR2 ports
	2 USB 2.0 (480 Mbps) ports with SmartPower
	1 RJ45 (1 GbE) Ethernet port
	2 USB 3.2 Gen 2 (10 Gbps) ports
	2 USB 3.2 Gen 2 (10 Gbps) Type-C ports
	1 Audio line-out
	1 Optional Port (VGA, HDMI 2.0, DP++ 1.4a HB3, USB 3.2 Gen 2 (10 Gbps) Type-C with DP-Alt mode)
	1 RJ45 (2.5 GbE) Ethernet port (optional)

Optical Drive	No Optical Drive
Slots	Front:
	1 SD-card slot
	Rear:
	1 full-height Gen5 PCIe x16 slot
	1 full-height Gen3 PCIe x4 slot
	1 full-height Gen4 PCIe x4 open-ended slot
	1 M.2 2230 slot for WiFi and Bluetooth card
	2 M.2 2230/2280 PCIe Gen4 slots for NVMe SSD
	1 M.2 2280 PCIe Gen 3 for NVMe SSD
	5 SATA slots for 3.5-inch HDD/ODD
Dimensions & Weight	Height: 14.68 in. (372.90 mm)
	Width: 6.81 in. (173.00 mm)
	Depth: 16.54 in. (420.20 mm)
	Weight (minimum): 16.71 lb (7.58kg)
	Weight (maximum): 35.38 lb (16.05 kg)
Chassis	Performance Tower
Wireless	No Wireless LAN Card (no WiFi enablement)
Power	300W Platinum internal power supply unit (80PLUS Platinum Certified)
	500W Platinum internal power supply unit (80PLUS Platinum Certified)
	1000W Platinum internal power supply unit (80PLUS Platinum Certified)
Regulatory	Product Safety, EMC and Environmental Datasheets
	Dell Regulatory Compliance Home Page
	Responsible Business Alliance Policy

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:
Product page: <https://www.comx-computers.co.za/T3680-I7-16512GB-3YPS-Dell-Precision-Tower-3680-PC-Buy-p-301057.php>

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If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.