DELL Technologies

WORKSTATIONS 'THE' GUIDE

Lineup 2026/2027 (v1)

The power to create without limits

Meet **Dell Workstations,** the professional workstations designed to turn your most ambitious ideas into concrete achievements. Designed for creators, engineers, architects, designers and data scientists, they offer reliable power, extreme precision and rock-solid stability. Speed up your workflows, gain confidence, and give every project the level of performance it deserves.

VISIT
HTTPS://WWW.DELL.COM/EN-US/SHOP/SCC/SC/WORKSTATIONS

Need more information ask Konrad Pleban | Workstation Sales Lead CEE @Dell Technologies

Contents

Page 3 – Fixed and RACK Workstations

Page 17 – Mobile Workstations

Page 25 – Solutions for AI-Intensive

Tip: Click on the page of your choice for direct access, and click the 'Home' symbol to return to the table of contents.

DELL Technologies

WORKSTATIONS

TOWERs AND RACKs'

Lineup 2026/2027 (v1)

The power to create without limits

Dell workstations, both fixed and rack , deliver extreme power and continuous reliability for the most demanding environments. Designed for 3D rendering, simulation, AI, and advanced analytics, they deliver ISV-certified performance, maximum scalability, and enhanced security. In the heart of the data center or under the office, they become the solid foundation for your critical projects, 24/7.

VISIT
HTTPS://WWW.DELL.COM/EN-US/SHOP/SCC/SC/WORKSTATIONS

Need more information ask Konrad Pleban | Workstation Sales Lead CEE @Dell Technologies

Workstations Towers and Racks

Page 5 – **Overview - Intel Core Ultra** Workstations

Page 6 – **Technical Specs - Intel Core Ultra** Workstations

Page 7 – **Overview - Intel Xeon & AMD Threadripper** Workstations

Page 8 – **Technical Specs - Intel Xeon** & **AMD Threadripper** Workstations

Page 9 – **Overview - RACK** Workstations

Page 10 – **Technical Specs - RACK** Workstations

Page 11 – **Technical Specs - Graphics Cards**

Page 12 – **Graphics Card/Platform Compatibility Matrix**

Page 13 – **Technical Specs - Tower** Processors

Page 14 – **Technical Specs - Processors** for **RACK** Stations

Page 15 – **Typical Configurations / ISV Software**

Page 16 – **Recommended accessories**

>> Back to Main Menu

Tip: Click on the page of your choice for direct access, and click the 'Home' symbol to return to the table of contents.

DELL PRO

Max Tower T2

>> 360° VIEW

Enjoy unmatched performance with **up to 24-core Intel® Core™ Ultra** processors, paired with **professional GPUs with up to 96GB of memory**, all in a highly scalable 32L tower. Its optional **Premium cooling system** maintains high frequencies for a long time, allowing you to exploit the full potential of the CPU/GPU for the most demanding creative, engineering and AI workloads.

→ More information on the Dell Pro Max Tower T2

Precision 7 T1

>> 360° VIEW

Enjoy professional performance with **up to 24-core Intel® Core™ Ultra processors** and **up to 24GB NVIDIA RTX™ Pro 4000 Blackwell GPUs** in a compact, scalable **15L** tower. Designed to deliver the **best price/performance**, the Dell Pro Precision 7 T1 combines ISV-certified reliability, expandable NVMe storage and broad connectivity, ideal for 2D/3D power users, web design and advanced data analytics.

→ Learn more about the Dell Pro Precision 7 T1

Max Slim

>> 360° VIEW

Enjoy professional performance in a **compact chassis** with **up to 24-core Intel® Core™ Ultra processors** and **NVIDIA RTX™ Pro 4000 SFF Blackwell (24GB) GPUs**, providing a great balance of power and small footprint. Designed to cover the majority of workloads in a 'only' 8L form factor (2D/3D authoring, lightweight CAD, data analytics, AI), the **Dell Pro Max Slim** combines up to **128GB of DDR5 with ECC options**, expanded storage and modern connectivity (Wi-Fi 7, dual Ethernet, optional port module) to bring the flexibility of a tower in a cost-effective, easy-to-integrate SFF form factor.

→ Learn more about Dell Pro Max Slim

Max Micro

>> 360° VIEW

Enjoy workstation performance in an ultra-compact form factor thanks to **Intel® Core™ Ultra processors** with dedicated NPUs and **professional GPUs up to NVIDIA RTX™ Pro 4000 SFF (24GB),** delivering advanced graphics power in just 2.7L. The **Dell Pro Max Micro** delivers a great size-to-performance ratio for space-constrained spaces, with up to **96GB of DDR5 memory**, fast NVMe storage options and comprehensive connectivity, ideal for 2D/3D power users, visualization and lightweight AI workloads who want to free up space without sacrificing productivity.

→ Learn more about the Dell Pro Max Micro

Intel Core Ultra Platforms

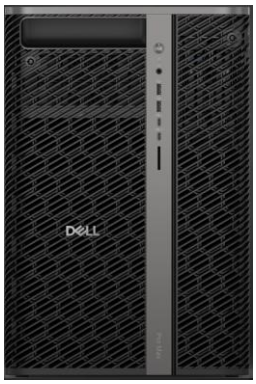
TECHNICAL SPECIFICATIONS

DELL Pro	Max Micro	Max Slim	Precision 7 T1	Max Tower T2
Dimension	USFF 20.6 x 7.9 x 17.8 cm (2.9L) From 1.89kg	SFF 30.4 x 9.5 x 29.3 cm Starting at 3.97kg	Tour 32.4 x 15.4 x 29.3 cm Starting at 4.61 kg	Tour 38.7 x 18.8 x 43.8 cm Starting at 9.70 kg
No. of processor(s)	1	1	1	1
Processors	Intel® Core™ Ultra U9, U7, U5 14 to 24 cores All with NPU 13 TOPS	Intel® Core™ Ultra U9K, U9, U7K, U7, U5K, U5 14 to 24 cores All with NPU 13 TOPS	Intel® Core™ Ultra U9, U7, U5 14 to 24 cores All with NPU 13 TOPS	Intel® Core™ Ultra U9K, U9, U7K, U7, U5K, U5 14 to 24 cores All with NPU 13 TOPS
Chipset	Intel® W880	Intel® W880	Intel® Q870	Intel® W880
Memory	2 slots max. 96GB DDR5 Up to 6400 MT/s Non-ECC (64GB) ECC	4 slots max. 128GB DDR5 Up to 5600 MT/s Non-ECC & ECC	4 slots max. 128GB DDR5 Up to 5600 MT/s Non-ECC & ECC	4 slots max. 128GB DDR5 Up to 5600 MT/s Non-ECC & ECC
Optical drives	N/A	DVD-RW (option)	DVD-RW (option)	DVD-RW (option)
Storage capacity	**Max: 2** **Types: PCIe** **Configurations:** (2) M.2 PCIe	**Max: 5** **Types: SATA, PCIe** **Configurations:** (3) M.2 PCIe SSD on motherboard + (1) M.2 PCIe UltraSpeed SSD + (1) 3.5" SATA	**Max: 5** **Types: SATA, PCIe** **Configurations:** (3) M.2 PCIe SSD on motherboard + (1) M.2 PCIe UltraSpeed SSD + (1) 3.5" SATA	**Max: 7** **Types: SATA, PCIe** **Configurations:** (3) M.2 PCIe SSD on motherboard + (1) M.2 PCIe UltraSpeed SSD + (3) 3.5" SATA
Power and Graphic Power Cables	External AC Adapter: 280W AC Adapter 180W AC Adapter	360W 80PLUS Platinum 260W 80PLUS Bronze	360W (80 PLUS Platinum) 260W (80 PLUS Bronze)	1500W (80 PLUS Platinum) 500W (80 PLUS Platinum) 360W (80 PLUS Platinum)
Graphics Cards	**Max: 1** up to RTX Pro 4000SFF (24GB DRR6)	**Max: 1** up to RTX Pro 4000SFF (24GB DRR6)	**Max: 1** up to 1x RTX Pro 4000 (24GB)	**Max: 2** up to 1x RTX Pro 6000 (96GB)
PCIe connectivity	(1) PCIe x8 gen4 (1) PCIe x8 gen4 (x1 elec) (1) M.2 2280 PCIe (1) M.2 2280 PCIe (1) M.2230 for WLAN/LV	(1) PCIe x16 gen4 (1) PCIe x4 gen4 (1) PCIe x1 gen4 (2) M.2 2280 PCIe (1) M.2 2230 PCIe (1) M.2 2230 for WLAN/LV	(1) PCIe x16 gen4 (1) PCIe x4 gen3 (open) (1) PCIe x1 gen3 + Opt: (1) PCIe x4 gen3 (x2 elec) (2) M.2 2280 PCIe (1) M.2 2230 PCIe (1) M.2 2230 for WLAN/LV	(1) PCIe x16 gen5 (1) PCIe x4 gen3 (1) PCIe x4 gen4 (open) (1) PCIe x4 gen3 (open) (3) M.2 2280 PCIe (1) M.2 2230 for WLAN/LV
Connectors	**Front** 1 USB 3.2 (power) 1 USB 3.2 (10GB) 1 USB 3.2 Type-C (20GB) 1 Audio Combo Jack **Rear** 2 USB 3.2 (5GB) (1 power) 2 USB 3.2 (10GB) 1 USB 3.2 Type-C (10GB) 3 Display Port 1.4a 1 x 1GB RJ45 connector 1 AC adapter 2 SMA (for WIFI antennas option) + 1 Optional port among: DP / HDMI / USB-C DP mode / VGA / 2x USB-A / TBT4+USB-C / RJ45 5GB / 5GB Fiber / Serial Port / PS2	**Front** 2 USB 2.0 (1 Power) 1 USB 3.2 (10GB) 1 USB 3.2 Type-C (20GB) 1 Audio Combo Jack 1 SD card reader (Option) 1 Optical Drive (Option) **Rear** 2 USB 2.0 (Power) 3 USB 3.2 (5GB) 1 USB 3.2 (10GB) 3 Display Port 1.4a 1 x 1GB RJ45 connector 1 Serial Port (Option) + 1 Optional port among: DP / HDMI / USB-C DP mode / VGA / 2x USB-A / TBT4+USB-C / RJ45 5GB / Fiber Optic 5GB	**Front** 2 USB 2.0 (1 Power) 1 USB 3.2 (10GB) 1 USB 3.2 Type-C (20GB) 1 Audio Combo Jack 1 SD card reader (Option) 1 Optical Drive (Option) **Rear** 2 USB 2.0 (Power) 3 USB 3.2 (5GB) 1 USB 3.2 Type-C (10GB) 3 Display Port 1.4a 1 x 1GB RJ45 connector 1 Serial Port (Option) + 1 Optional port among: DP / HDMI / USB-C DP mode / VGA / 2x USB-A / TBT4+USB-C / RJ45 5GB / Fiber Optic 5GB	**Front** 2 USB 3.2 (5GB) (1 Power) 1 USB 3.2 Type-C (10GB) 1 USB 3.2 Type-C (20GB, Power) 1 Audio Combo Jack 1 SD card reader (Option) 1 Optical Drive (Option) **Rear** 2 USB 2.0 (Power) 2 USB 3.2 (10GB) 1 USB 3.2 Type-C (20GB) 1 TBT4 2 Display Port 1.4a 1 x 1GB RJ45 connector 1 serial port + 1 Optional port among: DP / HDMI / USB-C DP mode / VGA / 2x USB-A / TBT4+USB-C / RJ45 5GB / Fiber Optic 5GB
System Environments	Windows® 11 / Linux	Windows® 11 / Linux	Windows® 11 / Linux	Windows® 11 / Linux

* Please note that when configuring a workstation, component choices may create limitations that do not allow you to reach the maximums shown in this table. For any support, DELL Sales is at your disposal.

DELL PRO

Precision 9 T6



>> 360° VIEW

Unleash extreme power with **up to 86-core/350W Intel® Xeon 600 processors** and **up to 5x NVIDIA RTX™ Pro 6000 Blackwell GPUs**, in a 70L chassis designed for **maximum expansion**.
The **Dell Pro Precision 9 T6** supports up to **4TB of DDR5 ECC memory** and up to **300TB of storage** via up to 15 PCIe slots (Gen4/Gen5) and 21 disk slots, providing the ideal platform for the most compute and data-intensive tasks: advanced simulation, complex rendering, digital twins, large-scale AI/ML, and multi-GPU VR/AR visualization environments

→ **Coming soon / + info to come**

Precision 9 T4

>> 360° VIEW

Combine extreme performance and scalability with **up to 86 core/350W Intel® Xeon 600 processors** and **up to 6000 NVIDIA RTX™ Pro Blackwell GPUs**, in a 48L chassis designed for growth and heavy-duty projects.
The **Dell Pro Precision 9 T4** supports up to **4TB of DDR5 ECC memory** and up to **124TB of storage** via 6 PCIe slots (Gen4/Gen5) and up to 9 slots (M.2, E3. S, SATA), providing an ideal foundation for compute- and data-intensive workloads: CAE/CFD, 3D rendering and animation, digital twins, AI/ML, and advanced visualization pipelines.

→ **Coming soon / + info to come**

Precision 7875

>> 360° VIEW

Get outstanding computing power with **AMD Ryzen™ Threadripper™ PRO processors up to 96 cores / 192 threads (350W)** and **professional GPUs up to 300W**, capable of simultaneously handling modeling, simulation, and rendering on a single system.
The **Dell Precision 7875 Tower** supports up to **2TB of DDR5 ECC memory** and up to **56TB of storage**, providing an ideal platform for engineers, creators, data scientists and developers working on massive datasets, complex AI/ML workflows and multi-threaded projects that require enterprise-grade reliability and ISV certifications.

→ Learn more about the Dell Precision 7875

Precision 9 T2

>> 360° VIEW

Combine high performance with high scalability with **up to 24-core Intel® Xeon 600 processors** and **up to 6000 NVIDIA RTX™ Pro Blackwell GPUs**, in a 32L chassis designed for demanding business workloads.
The **Dell Pro Precision 9 T2** supports up to **1TB of DDR5 ECC memory** and offers significant storage and expansion capabilities, making it an ideal platform for CAD/CAM, advanced visualization, rendering, simulations and AI/ML projects that require reliability, ISV certification and room for growth without moving to a very large chassis.

→ **Coming soon / + info to come**

Xeon & Threadripper Platforms

TECHNICAL SPECIFICATIONS

DELL Pro	Precision 9 T2	Precision 7875	Precision 9 T4	Precision 9 T6
Dimension	Tour 38.7 x 18.8 x 43.8 cm From 11.6 kg	Tower (19" / 4U) 44.7cm x 17.7cm x 48.8cm From 18.3kg	Lathe (19"/ 5U 45.0 x 20.4 x 61.8 cm Starting at 24.1 kg	Tower (19" / 7U) 45.0 x 29.4 x 61.8 cm From 31.0kg
No. of processor(s)	1	1	1	1
Processors	Intel® Xeon® 600 for workstation Up to 24 cores	AMD® Ryzen™ Threadripper™ PRO WX 7/9000 Series Up to 96 cores	Intel® Xeon® 600 for workstation Up to 86 cores	Intel® Xeon® 600 for workstation Up to 86 cores
Chipset	Intel® W890	AMD® TRX50 HEDT	Intel® W890	Intel® W890
Memory	4 slots max. 1TB DDR5 Up to 6400 MT/s RDIMM ECC	8 slots max. 2TB DDR5 Up to 5200 MT/s RDIMM ECC	16 slots max. 4TB DDR5 Up to 6400 MT/s RDIMM ECC	16 slots max. 4TB DDR5 Up to 6400 MT/s RDIMM ECC
Optical drives	DVD-RW (option)	DVD-RW (option)	DVD-RW (option)	DVD-RW (option)
Storage capacity	**Max: 11** **Types: SATA, PCIe** **Configurations:** **Flexbays façade:** (2) M.2 PCIe or (1) 3.5" SATA **Internal:** (3) M.2 PCIe gen5 over MB +(2) 3.5" SATA (4) PCIe SSD via Dell Ultra-speed	**Max: 10** **Types: SATA, PCIe** **Configurations:** **Flexbays façade:** (2) 2.5"/3.5"/M.2 **Internal:** (2) M.2 on motherboard +(2) 2,5''/3,5'' (4) PCIe SSD via Dell Ultra-speed	**Max: 14** **Types: SATA, PCIe** **Configurations:** **Flexbays façade:** (4) M.2 PCIe or (2) 3.5" SATA **Internal:** (4) M.2 PCIe gen5 on MB +(2) 3.5" SATA (4) PCIe SSD via Dell Ultra-speed	**Max: 26** **Types: SATA, PCIe** **Configurations:** **Flexbays façade:** (12) M.2 PCIe or (6) 3.5" SATA **Internal:** (4) M.2 PCIe gen5 on MB +(2) 3.5" SATA (4) PCIe SSD via Dell Ultra-speed **Rear Flexbays:** (4) 3.5" SATA
Power and Graphic Power Cables	1500W (80 PLUS Platinum) 750W (80 PLUS Platinum) 500W (80 PLUS Platinum)	1000W 80PLUS Platinum 1350W 80PLUS Platinum	2400W (80 PLUS Platinum) 1500W (80 PLUS Platinum)	2400W (80 PLUS Platinum)
Graphics Cards	**Max: 3** Up to 600Watts supported up to 2x RTX Pro 6000 Max-Q (TTL max 192GB) *See GPU Matrix*	**Max: 2** Up to 600Watts supported up to 2x RTX Pro 6000 Max-Q (TTL max 192GB) *See GPU Matrix*	**Max: 4** Up to 600Watts supported up to 2x RTX Pro 6000 Max-Q (TTL max 192GB) *See GPU Matrix*	**Max: 7** Up to 1500Watts supported up to 5x RTX Pro 6000 Max-Q (TTL max 480GB) *See GPU Matrix*
PCIe connectivity	(1) PCIe x16 gen5 (1) PCIe x16 gen4 (1) PCIe x8 gen4 (open) (1) PCIe x8 (x4 elec) gen4(open) (1) PCIe x4 gen5 (3) M.2 2280 PCIe (1) M.2 2230 for WLAN/LV	(1) PCIe x16 gen5 (1) PCIe x16 gen4 (2) PCIe x8 gen4 (open) (1) PCIe x8 gen5 (open) (1) PCIe x8 (x4 open) gen4 (2) M.2 (22x 80mm)	(2) PCIe x16 gen5 (1) PCIe x8 gen5 (open) (1) PCIe x8 gen4 (open) (2) PCIe x8 (x4 elec) gen4(open) (4) M.2 2280 PCIe	(2) PCIe x16 gen5 (1) PCIe x8 gen5 (open) (1) PCIe x8 gen4 (open) (2) PCIe x8 (x4 elec) gen4(open) **+ 3x Risers in opt° / <u>each</u> :** (1) PCIe x16 Gen 5 **or** (1) PCIe x8 Gen4 + (1) PCIe x8 Gen5 **or** (1) PCIe x8 Gen5 + (2) PCIe x4 Gen4 (4) M.2 2280 PCIe
Connectors	**Front** 2 USB 3.2 (5GB) (1 Power) 1 USB 3.2 Type-C (10GB) 1 USB 3.2 Type-C (20GB, Power) 1 Audio Combo Jack 1 SD card reader (Option) 1 Optical Drive (Option) **Rear** 2 USB 2.0 (Power) 2 USB 3.2 (10GB) 1 USB 3.2 Type-C (10GB) 1 USB 3.2 Type-C (20GB) 1 x 1GB RJ45 connector 1 serial port + 1 Optional port among: USB-C / 2x USB-A / 2x USB-C / RJ45 5GB / Fiber Optic 5GB	**Front** 2 USB 3.2 2 USB 3.2 Type-C (1 Power) 1 Audio Combo Jack 1 SD card reader **Rear** 3 USB 3.2 (1 Power) 3 USB 3.2 Type-C 1 RJ45 1Gbps 1 RJ45 10Gbps 2 PS2 (option) 1 serial port (optional) 1 Audio Line out	**Front** 2 USB 3.2 (10GB) 1 USB 3.2 Type-C (10GB) 1 USB 3.2 Type-C (20GB, Power) 1 Audio Combo Jack 1 SD card reader (Option) 1 Optical Drive (Option) **Rear** 2 USB 3.2 (Power) 2 USB 3.2 (10GB) 2 USB-C 3.2 (10GB) 1 USB-C 3.2 (20GB) 1 RJ45 1Gbps 1 RJ45 10Gbps 1 serial port 2 PS2 ports 1 audio Line in	**Front** 2 USB 3.2 (10GB) 1 USB 3.2 Type-C (10GB) 1 USB 3.2 Type-C (20GB, Power) 1 Audio Combo Jack 1 SD card reader (Option) 1 Optical Drive (Option) **Rear** 2 USB 3.2 (Power) 2 USB 3.2 (10GB) 2 USB-C 3.2 (10GB) 1 USB-C 3.2 (20GB) 1 RJ45 1Gbps 1 RJ45 10Gbps 1 serial port 2 PS2 ports 1 audio Line in
System Environments	Windows® 11 / Linux	Windows® 11 / Linux	Windows® 11 / Linux	Windows® 11 / Linux

* Please note that when configuring a workstation, component choices may create limitations that do not allow you to reach the maximums shown in this table. For any support, DELL sales is at your disposal

DELL PRO

Precision 7960 Rack

2U

>> 360° VIEW

Access datacenter-grade power with **up to two Intel® Xeon® processors (350W, up to 128 total cores)** and **up to 300W AMD or NVIDIA professional GPUs**, in a secure, centralized **2U rack** form factor.
The **Dell Precision 7960 Rack** supports up to **4TB of DDR5 ECC memory** and large NVMe/SATA storage capacity, providing an ideal solution for multi-tenancy of graphics and CPU resources, securing intellectual property and deploying high-performance remote environments (VR/AR, rendering, CAE/CFD, AI/ML).

→ **Learn more about the Dell Precision 7960 Rack**

Precision 7 R1

1U

>> 360° VIEW to come

Enjoy workstation performance in a compact **1U rack form factor** with up **to 24-core Intel® Core™ Ultra (2 Series) processors**, **up to 96GB of business-grade NVIDIA RTX™ Pro GPUs, and up to 256GB of RAM,** while centralizing power in the data center for secure remote access.
The **Dell Pro Precision 7 R1** is designed to deliver the capabilities of an entry-level tower workstation (ISV reliability, DDR5 memory, NVMe storage and advanced networking options) in a natively rack-mountable, density-optimized chassis ideal for virtualized environments, studios, engineering offices and distributed teams that want to pool graphics and CPU resources while protecting intellectual property.

→ **Availability end of July 2026 / + info to come**

RACK Platforms

TECHNICAL SPECIFICATIONS

DELL Pro	Precision 7 R1	Precision 7960 Rack
Dimension	RACK 19" 1U	Rack (19" / 2U) 8.7cm x 48.2cm x 73.5cm Starting at 20.98kg
No. of processor(s)	1	1 or 2
Processors	Intel® Core™ Ultra U9K, U9, U7K, U7, U5K, U5 14 to 24 cores All with NPU 13 TOPS	Intel® Xeon® SP 4th^{Gen} up to 56 cores/CPU TTL up to 112 cores
Chipset	Intel® W880	Intel® W790
Memory	4 locations max. 256GB DDR5 (128GB factory) Up to 5600 MT/s Non-ECC & ECC	32 pitches max. 8TB DDR5 Up to 5600MT/s RDIMM ECC
Optical drives	N/A	DVD-RW (option)
Storage capacity	**Max: 9** **Types: SATA, PCIe** **Configurations:** (2) M.2 PCIe SSD on motherboard + (2) M.2 PCIe SSD in Flexbay + (4) M.2 PCIe UltraSpeed SSD + (2) 3.5" SATA	**Max: 16** **Types: SATA, SAS, PCIe** **Configurations:** **Façade:** (8) 2.5"/3.5" SATA/SAS **Internal:** (8) PCIe SSD via Dell Ultra-speed
Power and Graphic Power Cables	800W 80PLUS Platinum (1 or 2)	800W 80PLUS Platinum (1 or 2) 1100W 80PLUS Titanium (1 or 2) 1600W 80PLUS Platinum (1 or 2)
Graphics Cards	**Max: 2** up to 1x RTX Pro 6000 (96GB)	**Max: 3** Up to 700Watts supported: **If 2x CPU:** 2x GPUs up to 350Watts/GPU or 3x 1 slot thick GPUs
PCIe connectivity	(1) PCIe x16 gen5 (1) PCIe x8 gen5 (1) PCIe x4 gen4	**If 1x CPU:** (1) PCIe gen4 x16 FH/FL (1) PCIe gen5 x16 FH/FL (1) PCIe gen4 x16 Low Pofile/FL **If 2x Cpu – above +:** (1) PCIe gen5 x16 FH/FL (2) PCIe gen4 x8 FH/HL (1) PCIe gen4 x16 Low Profile/FL *All PCIe are in x16 format*
Connectors	**Front** 2 USB 3.2 (5GB) (1 Power) 1 TBT4 1 Audio Combo Jack **Rear** 2 USB 3.2 (5GB) 2 USB 3.2 Type-C (10GB) 1 serial port 1 Remote 2-Pin power connector 1 x 10GB RJ45 connector 1 x 1GB RJ45 connector	**Front** 2 USB 2.0 1 x Micro USB/iDRAC Direct Management Port 1 VGA for iDRAC **Rear** 2 USB 3.2 2 RJ45 1GbE 1 Serial port 1 RJ45 for IDRAC 1 VGA for IDRAC **+ Optional:** 4 RJ45 1GbeE or 4 RJ45 10GbE or 4 SFP28 25GbE
System Environments	Windows® 11 / Linux	Windows® 11 / Linux

Other rack-mount solutions

The Dell Ready Rail Slide Rail Kit supports mounting the Dell Pro Precision 7875 and T4/T6 Tower Workstations)

Rack rail SKUs	Description	Platforms
TBC	Rack Rail Kit	T4/T6
TBC	Adapter bracket / Ears	T6
TBC	Adapter bracket / Ears	T4
770-BFJG	Rack Rail Kit	7875
575-BCQF	Adapter bracket / Ears	7875

RackSolutions' **HyperShelf** is designed to deploy your workstations in the data center. This allows you to rack up **to 7 Dell Pro Max Micro** Workstations in a 5U sliding enclosure.
This rack-mount shelf is built to optimize airflow and space to optimize performance over time
→ **HyperShelf by RackSolutions** (Sku: AC972650)

The RackSolutions Sliding Shelf for **Dell Pro Max Slim** SFF is perfect for mounting 3 workstations on a single shelf (7U). The Stations will be securely fastened in place, preventing any shifting while the high-quality rails slide back and forth.
→ **RackSolution 1U Pull-Out Shelf for Dell Pro Max Slim** (Sku: A8868832)

With DELL workstations, you can place a stationary workstation in horizontal orientation on any standard 19" rack shelf - **Dell Pro Max Tower T2** (4U)
→ **RackSolutions - Rack Shelf**
(Sku: A9753598)

* Please note that when configuring a workstation, component choices may create limitations that do not allow you to reach the maximums shown in this table. For any support, DELL Sales is at your disposal.

Dedicated Graphics Solutions

GRAPHICS CARDS – TECHNICAL SPECIFICATIONS

NVIDIA	Memory	Inteface Memory	Max Bandwidth	Cuda Hearts[1]	RT cores (gen.)	Tensor cores (gen.)	TFlops Single Precision (FP32)	TFlops Double Precision (FP64)	AI TOPs (FP4) Performance[2]	Max electric consumption	5 Power Connectors	Height (slots)	Video Connectors	VR	ECC[3]
RTX A800[4]	40 GB HBM2	512-bit	1555 GBps	6912	-	432 (3rd Gen)	19,5	9,74	1247,4	240W	1x 8-pin EPS 12V	2	-	-	Yes
RTX Pro 6000	96 GB GDDR7	512-bit	1792 GBps	24064	188 (4th Gen)	752 (5th Gen)	125	1,96	4000	600W	1x PCIe CEM5 16-pin	2	4x DP 2.1	Yes	Yes
RTX Pro 6000 Max-Q	96 GB GDDR7	512-bit	1792 GBps	24064	188 (4th Gen)	752 (5th Gen)	110	1,72	3511	300W	1x PCIe CEM5 16-pin	2	4x DP 2.1	Yes	Yes
RTX Pro 5000	48 GB GDDR7	384-bit	1344 GBps	14080	110 (4th Gen)	440 (5th Gen)	67	1,05	2223	300W	1x 16-pin PCIe CEM5	2	4x DP 2.1	Yes	Yes
RTX Pro 4500	32GB GDDR7	256-bit	896 GBps	10496	82 (4th Gen)	328 (5th Gen)	51	0.79	1687	200W	1x 16-pin PCIe CEM5	2	4x DP 2.1	Yes	Yes
RTX Pro 4000	24 GB GDDR7	192-bit	672 GBps	8960	70 (4th Gen)	280 (5th Gen)	37	0,58	1247	140W	1x 16-pin PCIe CEM5	1	4x DP 2.1	Yes	Yes
RTX Pro 4000 SFF	24 GB GDDR7	192-bit	432 GBps	8960	70 (4th Gen)	280 (5th Gen)	24	0,38	770	70W	-	2	4x miniDP 2.1	Yes	Yes
RTX Pro 2000	16 GB GDDR7	128-bit	288 GBps	4352	36 (4th Gen)	136 (5th Gen)	17	0.27	545	70W	-	2	4x miniDP 2.1	Yes	Yes
RTX A1000	8 GB GDDR6	128-bit	192 GBps	2304	18 (2nd Gen)	72 (3rd Gen)	6,7	0,1	107,8	50W	-	1	4x miniDP 1.4	-	-
RTX A400	4 GB GDDR6	64-bit	96 GBps	768	6 (2nd Gen)	24 (3rd Gen)	2,7	0,04	43,3	50W	-	1	4x miniDP 1.4	-	-
Geforce RTX 5090[6]	32 GB GDDR7	512-bit	1790 GBps	21760	170 (4th Gen)	680 (5th Gen)	104,8	1,63	3352	575W	600W PCIe Gen5 cable	3	3x DP 2.1 + 1x HDMI 2.1	Yes	-
Geforce RTX 5080[6]	16 GB GDDR7	256-bit	960 GBps	10752	84 (4th Gen)	336 (5th Gen)	56,2	0,87	1801	360W	450W PCIe Gen5 cable	2,5	3x DP 2.1 + 1x HDMI 2.1	Yes	-
Geforce RTX 5070[6]	12 GB GDDR7	192-bit	672 GBps	6144	48 (4th Gen)	192 (5th Gen)	30,8	0,48	988	250W	300W PCIe Gen 5 cable	2	3x DP 2.1 + 1x HDMI 2.1	Yes	-
Geforce RTX 5060[6]	8 GB GDDR7	128-bit	448 GBps	3840	30 (4th Gen)	120 (5th Gen)	19	0.3	614	145W	300W PCIe Gen 5 cable	2	3x DP 2.1 + 1x HDMI 2.1	Yes	-

AMD	Memory	Inteface Memory	Max Bandwidth	Compute Cores[1]	Ray accelerators	AI accelerators	TFlops Single Precision (FP32)	TFlops Double Precision (FP64)	Compute Units	Max electric consumption	Power connectors	Height (slots)	Video Connectors	VR	ECC[3]
W7600	8 GB GDDR6	128-bit	288 GBps	2048	32	64	21,4	0,67	32	130W	1x 6-pin	1	4x DP 2.1	Yes	-
W7500	8 GB GDDR6	128-bit	172 GBps	1792	28	56	12,1	-	28	70W	-	1	4x DP 2.1	Yes	-
W7400	8GB GDDR6	128-bit	172 GBps	1792	28	56	7,9	-	28	55W	-	1	4x DP 1.4	Yes	-

[1] Computing cores cannot be compared between different brands, nor between generations of GPUs of the same brand.
[2] AI TOPS represent raw computing power in FP4 with sparcity.
[3] ECC stands for Error Correcting Code. ECC memory helps ensure data integrity.
[4] The A800 graphics card offers optimized performance for AI workloads and HPC applications with support for double precision (FP64), In factory installation, the A800 card will be paired with the RTX A1000 card to offer video display outputs.
[5] The power connectors required depending on the adapters may require the selection of a specific power supply and factory-installed adapter cables when selecting the adapter in the configuration.
[6] 'NVIDIA Geforce' cards are consumer cards that may vary in availability. Dell makes no commitment to the stability of supply, design or lifespan. End of life for these cards does not imply advance notification from either Dell or NVIDIA.
* Card availability is subject to manufacturer lifecycle. Also, Dell is not responsible in any way for the unavailability of any of these components. In this case, your DELL customer service team will be able to guide you towards the best replacement solution.
** Dell does not guarantee the availability of all cards in factory installation, even if the power requirements, size,.... match. If you encounter this situation, your DELL customer service will be able to help you meet or at least get as close as possible to your requirements.

GPU/Platform Compatibility

GRAPHICS CARDS – TECHNICAL SPECIFICATIONS

Graphics cards configured at the factory in my workstation (max quantity):

		Tower Workstations Dell PRO								RACK Workstations	
Vendor	Maps Graphics	Max Micro	Max Slim	Precision 7 T1	Max Tower T2	Precision 9 T2	Precision 7875	Precision 9 T4	Precision 9 T6	Precision 7 R1	Precision 7960 Rack
NVIDIA RTX Enterprise	RTX A800	-	-	-	-	1	1	2	4	-	2
	RTX Pro 6000 (600Watt)	-	-	-	1	1	-	1	2	-	-
	RTX Pro 6000 Max-Q (300Watt)	-	-	-	1	2	2	2	5	1	2
	RTX Pro 5000	-	-	-	1	2	2	2	5	1	2
	RTX Pro 4500	-	-	-	1	2	2	2	2	1	2
	RTX Pro 4000	-	-	1	1	3	2	3	6	1	2
	RTX Pro 4000 SFF	1	1	-	-	-	-	-	-	-	-
	RTX Pro 2000	1	1	1	2	2	2	2	2	1	2
	RTX A1000	1	1	1	2	3	2	4	7	1	2
	RTX A400	1	1	1	2	2	2	2	2	1	2
NVIDIA RTX Geforce	Geforce RTX 5090	-	-	-	1	1	-	1	1	-	-
	Geforce RTX 5080	-	-	-	1	1	1	1	1	-	-
	Geforce RTX 5070	-	-	-	1	1	-	1	1	-	-
	Geforce RTX 5060	-	-	1	1	1	-	1	1	-	-
AMD Enterprise	W7600	-	-	-	2	-	2	-	-	-	-
	W7500	-	-	-	2	-	2	-	-	-	-
	W7400	-	-	-	2	2	2	1	2	-	-

This table shows the maximum amount of factory-installable graphics cards for each workstation. This maximum factory-installed quantity is not always the maximum amount that the workstation can support.
However, cards that are listed as not being factory-integrated by Dell for a given machine will be able to work perfectly well through post-purchase integration by you as long as they meet the requirements for power and power consumption, size, and availability of PCIe and space ports.
If the card you want is not pre-installed at the factory for your machine, contact your Dell sales representative to verify the possibility via our kit products. Please note that this may affect the workstation warranty.
** In the event that a card advertised as such is unavailable for a particular platform, Dell will not be held responsible in any way. If you encounter this scenario, your DELL customer service will be able to help you meet, or at least get as close as possible to, your requirements.

Processor Solutions for Fixed Workstations

Dell takes great care to provide a wide range of processors to ensure the right level of performance for every need.

The table below provides a comparison of the choices offered for fixed workstations.

DELL Pro	Processors	Generation	Base Frequency GHz (P - E)*	Frequency max GHz (P - E)*	Number of cores (P+E)*	Number Threads	NPU TOPs (int8)	Cache MB	(TDP) Watts Base – Max[1,2]	ECC support	iGPU	# Channels Memory	Management
Max Micro / Slim / Tower T2 & Precision 7 T1	Core Ultra 5 235	Arrow Lake (Ultra[2nd] series)	3,4 – 2,9	5,0 – 4,4	14 (6+8)	14	13	26MB	65W - 85W [1]	Yes	Yes	2	vPRO
	Core Ultra 5 245	Arrow Lake (Ultra[2nd] series)	3,5 – 3,0	5,1 – 4,5	14 (6+8)	14	13	26MB	65W - 85W [1]	Yes	Yes	2	vPRO
	Core Ultra 7 265	Arrow Lake (Ultra[2nd] series)	2,4 – 1,8	5,3– 4,6	20 (8+12)	20	13	36MB	65W - 85W [1]	Yes	Yes	2	vPRO
	Core Ultra 9 285	Arrow Lake (Ultra[2nd] series)	2,5 – 1,9	5,6 – 4,6	24 (8+16)	24	13	40MB	65W - 85W [1]	Yes	Yes	2	vPRO
Max Slim / Tower T2	Core Ultra 5 245K	Arrow Lake (Ultra[2nd] series)	4,2 – 3,6	5,2 – 4,6	14 (6+8)	14	13	26MB	125W - 250W [2]	Yes	Yes	2	vPRO
	Core Ultra 7 265K	Arrow Lake (Ultra[2nd] series)	3,9 – 3,3	5,5 – 4,6	20 (8+12)	20	13	36MB	125W - 250W [2]	Yes	Yes	2	vPRO
	Core Ultra 9 285K	Arrow Lake (Ultra[2nd] series)	3,7 – 3,2	5,7 – 4,6	24 (8+16)	24	13	36MB	125W - 250W [2]	Yes	Yes	2	vPRO
Precision 9 T2/T4	Xeon 634	Granite Rapids-WS 600	2,7	4.6	12	24	-	48MB	150W	Yes	-	8	vPRO
	Xeon 636	Granite Rapids-WS 600	3.5	4.7	12	24	-	48MB	170W	Yes	-	8	vPRO
	Xeon 638	Granite Rapids-WS 600	3.2	4.8	16	32	-	72MB	180W	Yes	-	8	vPRO
Precision 9 T2/T4/T6	Xeon 654	Granite Rapids-WS 600	3.1	4.8	18	36	-	72MB	200W	Yes	-	8	vPRO
	Xeon 656	Granite Rapids-WS 600	2.9	4.8	20	40	-	72MB	210W	Yes	-	8	vPRO
	Xeon 658X	Granite Rapids-WS 600	3.0	4.9	24	48	-	144MB	250W	Yes	-	8	vPRO
Precision 9 T4/T6	Xeon 674X	Granite Rapids-WS 600	3.0	4.9	28	56	-	144MB	270W	Yes	-	8	vPRO
	Xeon 676X	Granite Rapids-WS 600	2.8	4.9	32	64	-	144MB	275W	Yes	-	8	vPRO
	Xeon 678X	Granite Rapids-WS 600	2.4	4.9	48	96	-	192MB	300W	Yes	-	8	vPRO
	Xeon 696X	Granite Rapids-WS 600	2.4	4.8	64	128	-	336MB	350W	Yes	-	8	vPRO
	Xeon 698X	Granite Rapids-WS 600	2.0	4.8	86	172	-	336MB	350W	Yes	-	8	vPRO
Precision 7875	7945WX	Ryzen Threadripper PRO	4,7	5,3	12	24	-	64MB	350W	Yes	-	8	AMD PRO
	9945WX	Threadripper PRO **Refresh**	4.7	5.4	12	24	-	64MB	350W	Yes	-	8	AMD PRO
	7955WX	Ryzen Threadripper PRO	4,5	5,3	16	32	-	64MB	350W	Yes	-	8	AMD PRO
	9955WX	Threadripper PRO **Refresh**	4.5	5.4	16	32	-	64MB	350W	Yes	-	8	AMD PRO
	7965WX	Ryzen Threadripper PRO	4,2	5,3	24	48	-	128MB	350W	Yes	-	8	AMD PRO
	9965WX	Threadripper PRO **Refresh**	4.3	5.4	24	48	-	128MB	350W	Yes	-	8	AMD PRO
	7975WX	Ryzen Threadripper PRO	4.0	5,3	32	64	-	128MB	350W	Yes	-	8	AMD PRO
	9975WX	Threadripper PRO **Refresh**	4.0	5.4	32	64	-	128MB	350W	Yes	-	8	AMD PRO
	7985WX	Ryzen Threadripper PRO	3,2	5,1	64	128	-	256MB	350W	Yes	-	8	AMD PRO
	9985WX	Threadripper PRO **Refresh**	3.5	5.4	64	128	-	256MB	350W	Yes	-	8	AMD PRO
	7995WX	Ryzen Threadripper PRO	2,5	5,1	96	192	-	384MB	350W	Yes	-	8	AMD PRO
	9995WX	Threadripper PRO **Refresh**	2.9	5.4	96	192	-	384MB	350W	Yes	-	8	AMD PRO

* The presence of P cores and E cores (Performance and Efficient cores) is specific to Intel Core processors. The total number of CPU cores is then expressed as the sum of the number of P cores + E cores. The P and E cores each have a specific base and max frequency.

1 On Dell Pro Max Micro, Slim and Tower T2, Intel Arrow Lake processors with a TDP of 65W can run indefinitely at 85W. This unique feature at Dell offers a generational performance gain ranging from +8 to +59% (estimate according to CinebenchR23 MultiThread). This feature requires selecting the configuration with the correct power supply and cooling system.

[2] Dell's unique "Unlimited Turbo Duration" feature is available only on Dell Pro Max Tower T2 and allows Intel Arrow Lake 125W processors to run at up to 250W with no time limit. The estimated performance gain (CinebenchR23 MutliThread) is +20% compared to the same processor running at 125W. This feature is only available through the new Premium Air Cooling solution (required by default with a 1500W power unit).

Rack Workstation Processor Solutions

Dell takes great care to provide a wide range of processors to ensure the right level of performance for every need.

The table below compares the available processor choices for the Dell Pro Precision 7 R1 (1U) and Dell Precision 7960 Rack (2U) workstations.

Compatible Dell Precision Station	Name of the Processor	Generation	CPU # /platform	Base Frequency GHz (P-E)	Max Frequency GHz (P-E)	No. of Hearts	No. Threads	Cache MB	TDP Watts	ECC Support	Chart Integrated	Manage ment
Precision 7 R1	Core Ultra 5 235	Arrow Lake (Ultra 2nd series)	1	3,4 – 2,9	5,0 – 4,4	14	14	26MB	65W - 85W [1]	Yes	Yes	vPRO
	Core Ultra 5 245	Arrow Lake (Ultra 2nd series)	1	3,5 – 3,0	5,1 – 4,5	14	14	26MB	65W - 85W [1]	Yes	Yes	vPRO
	Core Ultra 7 265	Arrow Lake (Ultra 2nd series)	1	2,4 – 1,8	5,3– 4,6	20	20	36MB	65W - 85W [1]	Yes	Yes	vPRO
	Core Ultra 9 285	Arrow Lake (Ultra 2nd series)	1	2,5 – 1,9	5,6 – 4,6	24	24	40MB	65W - 85W [1]	Yes	Yes	vPRO
	Core Ultra 5 245K	Arrow Lake (Ultra 2nd series)	1	4,2 – 3,6	5,2 – 4,6	14	14	26MB	125W - 250W [2]	Yes	Yes	vPRO
	Core Ultra 7 265K	Arrow Lake (Ultra 2nd series)	1	3,9 – 3,3	5,5 – 4,6	20	20	36MB	125W - 250W [2]	Yes	Yes	vPRO
	Core Ultra 9 285K	Arrow Lake (Ultra 2nd series)	1	3,7 – 3,2	5,7 – 4,6	24	24	36MB	125W - 250W [2]	Yes	Yes	vPRO
Precision 7960 Rack	Xeon Silver 4410Y	Sapphire Rapids SP 4th Gen	1 or 2	2,0	3,9	12	24	30MB	150W	Yes	-	iDRAC
	Xeon Silver 4416+	Sapphire Rapids SP 4th Gen	1 or 2	2,0	3,9	20	40	37.5MB	165W	Yes	-	iDRAC
	Xeon Gold 5415+	Sapphire Rapids SP 4th Gen	1 or 2	2,9	4,1	8	16	22.5MB	150W	Yes	-	iDRAC
	Xeon Gold 5418Y	Sapphire Rapids SP 4th Gen	1 or 2	2,0	3,8	24	48	45MB	185W	Yes	-	iDRAC
	Xeon Gold 5420+	Sapphire Rapids SP 4th Gen	1 or 2	2,0	4,1	28	56	52.5MB	205W	Yes	-	iDRAC
	Xeon Gold 6426Y	Sapphire Rapids SP 4th Gen	1 or 2	2,5	4,1	16	32	37.5MB	185W	Yes	-	iDRAC
	Xeon Gold 6430	Sapphire Rapids SP 4th Gen	1 or 2	2,1	3,4	32	64	60MB	270W	Yes	-	iDRAC
	Xeon Gold 6434	Sapphire Rapids SP 4th Gen	1 or 2	3,7	4,1	8	16	22.5MB	195W	Yes	-	iDRAC
	Xeon Gold 6442Y	Sapphire Rapids SP 4th Gen	1 or 2	2,6	4,0	24	48	60MB	225W	Yes	-	iDRAC
	Xeon Gold 6444Y	Sapphire Rapids SP 4th Gen	1 or 2	3,6	4,0	16	32	45MB	270W	Yes	-	iDRAC
	Xeon Gold 6448Y	Sapphire Rapids SP 4th Gen	1 or 2	2,1	4,1	32	64	60MB	225W	Yes	-	iDRAC
	Xeon Platinum 8452Y	Sapphire Rapids SP 4th Gen	1 or 2	2,0	3,2	36	72	67.5MB	300W	Yes	-	iDRAC
	Xeon Platinum 8460Y+	Sapphire Rapids SP 4th Gen	1 or 2	2,0	3,7	40	80	105MB	300W	Yes	-	iDRAC
	Xeon Platinum 8462Y+	Sapphire Rapids SP 4th Gen	1 or 2	2,8	4,1	32	64	60MB	300W	Yes	-	iDRAC
	Xeon Platinum 8468	Sapphire Rapids SP 4th Gen	1 or 2	2,1	3,8	48	96	105MB	350W	Yes	-	iDRAC
	Xeon Platinum 8470	Sapphire Rapids SP 4th Gen	1 or 2	2,0	3,8	52	104	105MB	350W	Yes	-	iDRAC
	Xeon Platinum 8480+	Sapphire Rapids SP 4th Gen	1 or 2	2,0	3,8	56	112	105MB	350W	Yes	-	iDRAC
	Xeon Silver 4509Y	Sapphire Rapids SP 5th Gen	1 or 2	2,6	4,1	8	16	22.5MB	125W	Yes	-	iDRAC
	Xeon Silver 4510	Sapphire Rapids SP 5th Gen	1 or 2	2,4	4,1	12	24	30MB	150W	Yes	-	iDRAC
	Xeon Silver 4514Y	Sapphire Rapids SP 5th Gen	1 or 2	2,0	3,4	16	32	30MB	150W	Yes	-	iDRAC
	Xeon Gold 6526Y	Sapphire Rapids SP 5th Gen	1 or 2	2,8	3,9	16	32	37.5MB	195W	Yes	-	iDRAC
	Xeon Gold 6534	Sapphire Rapids SP 5th Gen	1 or 2	3,9	4,2	8	16	22.5MB	195W	Yes	-	iDRAC
	Xeon Gold 6542Y	Sapphire Rapids SP 5th Gen	1 or 2	2,9	4,1	24	48	60MB	250W	Yes	-	iDRAC
	Xeon Gold 6548Y	Sapphire Rapids SP 5th Gen	1 or 2	2,5	4,1	32	64	60MB	250W	Yes	-	iDRAC
	Xeon Platinum 8562Y+	Sapphire Rapids SP 5th Gen	1 or 2	2,8	4,1	32	64	60MB	300W	Yes	-	iDRAC
	Xeon Platinum 8568Y+	Sapphire Rapids SP 5th Gen	1 or 2	2,3	4,0	48	96	300MB	350W	Yes	-	iDRAC
	Xeon Platinum 8580	Sapphire Rapids SP 5th Gen	1 or 2	2,1	4,0	60	120	300MB	350W	Yes	-	iDRAC

Other rack-mount solutions

There are also many rack mounting solutions on our various tower formats.
You will find the details of these solutions on page 9 of this guide.

Fixed Workstations

RECOMMENDED CONFIGURATIONS / ISV APPLICATIONS

Engineering & Architecture (CAD/CAE)

Applications	Recommended model		Processor		Graphics card		Memory (min)	
	Standard Use	Advanced Usage	Standard Use	Advanced Usage	Standard Use	Advanced Usage	Standard Use	Advanced Usage
ANSYS Discovery®	Dell Pro Max Tower T2	Precision 5860	Intel Core u7 265K	Xeon W3 2525	NVIDIA RTX Pro 5000	NVIDIA RTX Pro 6000	32GB	64GB
ANSYS Fluent®	Dell Pro max Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 674X	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 6000	64GB	256GB
ANSYS Mechanical®	Dell Pro max Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 674X	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 6000	64GB	256GB
ANSYS SpaceClaim®	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Max Tower T2	Intel Core u7 265	Intel Core u9 285K	NVIDIA RTX A1000	NVIDIA RTX Pro 4000	32GB	64G
Autodesk® Architecture, Engineering & Construction Collection	Dell Pro Max Micro/SlimTower T2	Dell Pro Precision 9 T2	Intel Core u7 265	Xeon 658X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	128GB
Autodesk® Autocad®	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Max Tower T2	Intel Core u5 245	Intel Core u7 265K	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	64GB
Autodesk® Inventor®	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Precision 9 T2	Intel Core u7 265	Xeon 654	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	64GB
Autodesk® Product Design & Manufacturing Collection	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Precision 9 T2	Intel Core u7 265	Xeon 658X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	128GB
Autodesk® Revit®	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Max Tower T2	Intel Core u7 265	Intel Core u9 285K	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	64GB
Dassault Systèmes CATIA®	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Precision 9 T2	Intel Core u7 265	Xeon 658X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	128GB
Dassault Systèmes Solidworks®	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Precision 9 T2	Intel Core u7 265	Xeon 654	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	64GB
Graphisoft Archicad	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Max Tower T2	Intel Core u7 265	Intel Core u9 285K	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	64GB
PTC® Creo Parametric	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Precision 9 T2	Intel Core u7 265	Xeon 658X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	64GB
Siemens NX™	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Precision 9 T2	Intel Core u7 265	Xeon 658X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	64GB
Siemens Solid Edge	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Precision 9 T2	Intel Core u7 265	Xeon 658X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	64GB
Media & Entertainment (Modeling / Animation / Visualization (Rendering) / Video Production & Post-Production)								
Adobe CC (Premiere Pro, After Effects)	Dell Pro Max Slim/Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 676X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	128GB
Autodesk 3ds Max	Dell Pro Max Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 676X	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 6000	32GB	128GB
Autodesk Maya®	Dell Pro Max Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 676X	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 6000	32GB	128GB
Avid Media Composer	Precision 3460/3680	Dell Pro Precision 9 T4	Intel Core u7 265	Xeon 676X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	128GB
Avid DaVinci Resolve	Dell Pro Max Slim/Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 676X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	128GB
Grass Valley Edius	Dell Pro Max Slim/Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 676X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	128GB
Maxon Cinema 4D	Dell Pro Max Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 676X	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 6000	32GB	128GB
Energy - Oil & Gas								
IHS Markit Kingdom	Dell Pro Max Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 674X	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 6000	64GB	128GB
Landmark DSG10 ep	Dell Pro Max Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 674X	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 6000	64GB	128GB
Schlumberger Petrel	Dell Pro Max Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265K	Xeon 674X	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 6000	64GB	128GB
Geographic Information Systems (GIS)								
Esri ArcGIS Pro Desktop	Dell Pro Max Micro/Slim/Tower T2	Dell Pro Precision 9 T4	Intel Core u7 265	Xeon 674X	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	128GB
Data Science (Artificial Intelligence & Deep Learning)								
NVIDIA DataScience Software Stack with RAPIDS	Dell Pro Precision 9 T2	Dell Pro Precision 9 T4	Xeon 638	Xeon 676X	NVIDIA RTX Pro 5000	NVIDIA RTX Pro 6000	64GB	256GB

Useful links:

Online configurator

Certifications ISV

- The configurations in this table are recommendations to provide guidance on typical configurations under different ISVs software. However, it is possible to differ from this table through the wide choice of configurations available in order to better adapt your configuration according to your uses.
- Be careful, some software has licenses based on the number of cores. Also, in these cases, remember to check the number of processor cores that can be used according to the license used.
- Some of the software listed may use different computation/rendering engines using for the same software, either processor performance, GPU performance, or both. In this case, the

Recommended accessories

SMART SOLUTIONS TO WORK MORE EFFICIENTLY

Dell Pro Max Workstation Cable Cover

Reduce clutter and give your Dell Workstation a secure cable management system with custom cable sleeves.

Dust filter

Custom-designed for your Dell Pro Max workstation, this external dust filter is simple to install and cleans up by rinsing it with water. It helps keep your internal components in top condition.

Adapt your station to an All In One format with Dell and Vesa stand adapters

Free up space on your desk by mounting your compact model and Dell monitor on this secure, space-saving stand. Get AIO while keeping two separate products: monitors and workstation with the Dell CFS25 All-in-One Stand compatible with the Dell Pro Max Micro, and the OSS25 Stand for Dell Pro Max Slim

---

Dell Pro Wireless Noise Cancelling Headphones

Enhance your communications during your workday with a headset equipped with an AI-powered microphone and integrated hybrid active noise cancelling functionality, designed to reduce background noise, ensure your comfort and productivity.
The adjustable headband and replaceable leatherette memory foam ear cushions keep conference professionals productive and comfortable.

Dell Pro Wireless Keyboard and Mouse

Keep your desk functional with a modern wireless mouse and keyboard combo with scissor/chiclet keys and an LED optical sensor. Get the best solutions with ZOOM and Copilot certified collaborative keyboards.

Dell UltraSharp Monitor with PremierColor Technology

With Dell UltraSharp monitors, you get accurate, vibrant colors, an ultra-thin bezel and an ideal color gamut to meet your business needs. Experience a high level of detail with practical and ergonomic solutions to transform your screen into a real docking station with formats from 22" to 52" and resolutions up to 8K.

ProSupport Plus

Get exclusive expert support at all times with predictive analytics (SupportAssist technology) and coverage for damage from drops, spills, power surges and more.

ProDeploy Plus

This comprehensive service facilitates the deployment of new technologies. You benefit from a single point of contact for project management, i.e. planning, configuration, data migration and knowledge transfer.

Accidental Damage Coverage

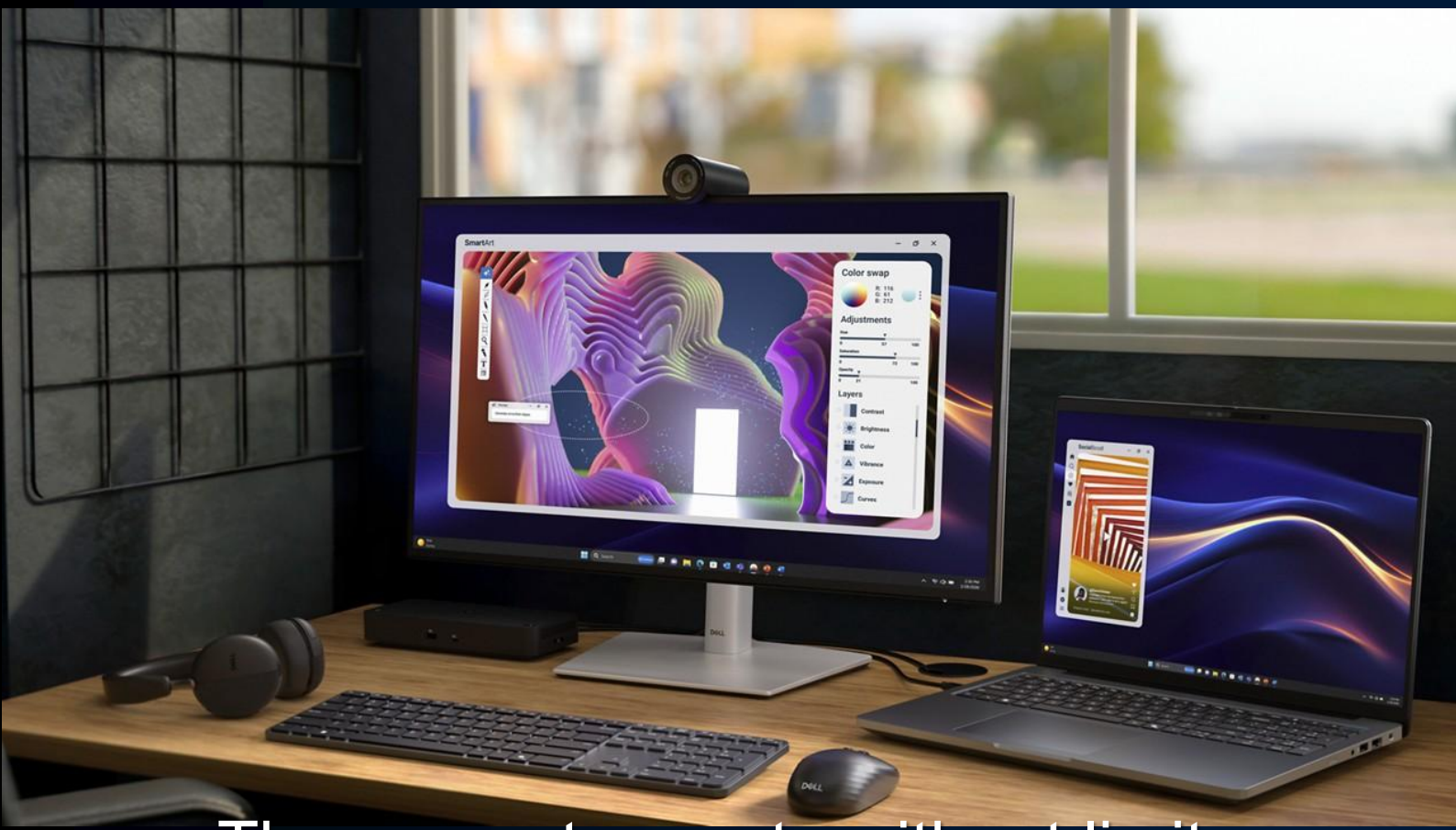
Use your PC with peace of mind and reduce downtime with protection against drops, spills, power surges, and accidental shocks. This coverage takes over from your coverage and is suitable for high-risk environments.

DELL Technologies

WORKSTATIONS

'Laptops'

Lineup 2026/2027 (v1)



The power to create without limits

Discover **Dell** mobile workstations, designed to create, design and analyze wherever you go. Combining stationary power, professional reliability and optimized autonomy, they accelerate your 3D renderings, simulations, data projects and creative workflows. Take a certified, secure, AI-ready environment to keep you running high on the go and in the office, while providing premium comfort and extensive connectivity.

VISIT
HTTPS://WWW.DELL.COM/EN-US/SHOP/SCC/SC/WORKSTATIONS

Need more information ask Konrad Pleban | Workstation Sales Lead CEE @Dell Technologies

Mobile Workstations

Page 19 – **Overview - Mobile Workstation** Series

Page 20 – **Technical Specs** – **Mobile Workstations**

Page 21 – **Technical Specs - Graphics Cards and Processors**

Page 22 – **Compatibility Matrix - Graphics Cards & Processors** / Platform

Page 23 – **Typical Configurations by ISV Application**

Page 24 – **Recommended Accessories**

>> Back to Main Menu

Tip: Click on the page of your choice for direct access, and click the 'Home' symbol to return to the table of contents.

Mobile Workstations

POWER AS REVOLUTIONARY AS YOUR IDEAS

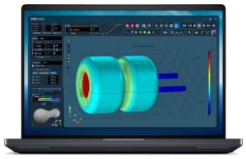
Performance +

Mobility +

DELL PRO

Max Plus

>> 360° VIEW Max Plus 18



>> 360° VIEW Max Plus 16

→ More information on the Dell Pro Max 18 Plus

→ More information on the Dell Pro Max 16 Plus

The Dell Pro Max Plus 16 and 18 are the most powerful 16" and 18" mobile workstations in the lineup, designed for VR/AR, rendering, simulation and heavy AI loads.

Based on Intel Core Ultra HX with NPU, they go up to NVIDIA RTX Pro 5000 Blackwell 24 GB, 256 GB of CAMM2 memory and 12–16 TB of storage.

The optional 16" UHD OLED 120Hz or 18" QHD 120Hz displays provide ample workspace for the most complex projects.

Precision 7

>> 360° VIEW 7 16

>> 360° VIEW 7 14

→ More information on the Dell Pro Precision 7 16

→ More information on the Dell Pro Precision 7 14

The Dell Pro Precision 7 14 and 7 16 are premium mobile workstations for creatives, designers and demanding specialists in 14" and 16" 16:10 aspect ratios.

They feature Intel Core Ultra Series 3 (45–50 W) with NPU 50 TOPS and Intel Arc/Arc Pro 12Xe graphics, as well as options up to NVIDIA RTX Pro 2000 for the 14" and RTX Pro 3000 on 16". They are perfect for 3D modeling, CAD, rendering, and advanced AI.

The premium design incorporates 16:10 QHD+/UHD+ 16:10 OLED Tandem displays, zero-lattice keyboard, haptic trackpad, and up to 64GB/8TB PCIe Gen5 SSD.

Precision 5

>> 360° VIEW Max 16

>> 360° VIEW 5 16

>> 360° VIEW 5 14

→ More information on the Dell Pro Max 16

→ More information on the Dell Pro Precision 5 16

→ Learn more about Dell Pro Precision 5 14

The Dell Pro Precision 5 series includes 3 models. It is oriented towards "Power Users" and "business specialists" with an excellent performance/price positioning. These 3 platforms offer Copilot+ processors up to 50 TOPS, dedicated professional graphics cards and up to 64GB of memory.

The Pro Precision 5 14 (14", ~1.8 kg) in Intel Core Ultra and up to NVIDIA RTX Pro 500 targets mobile power users and lightweight design.

The Pro Precision 5 16 (16", ~2.16 kg) in Intel Core Ultra and up to RTX Pro 2000 for business specialists.

The Pro Max 16 (AMD), 16" in the latest generation AMD Ryzen AI and up to NVIDIA RTX Pro 1000, aims for graphic and video creation at a controlled cost.

Precision 5s

>> 360° VIEW 5 16s

>> 360° VIEW 5 14s

→ More information on the upcoming Dell Pro Precision 5 16s

→ More information on the upcoming Dell Pro Precision 5 14s

The Pro Precision 5 14s and 5 16s are the lightest and thinnest mobile workstations in the lineup. They offer the best of office automation with the robustness of a workstation combining controlled budget, performance, and elegant design.

Based on Intel Core Ultra H-class or AMD Ryzen AI PRO 400 processors with NPUs, plus high-end integrated graphics, up to 64GB of fast memory and Gen 5 storage, all in thin and light 14" or 16" chassis.
They are ideal for financial analysis, intensive multitasking, and lightweight CAD/CAE, and are easy to transport between offices, labs, and customer sites.

Mobile Platforms

TECHNICAL SPECIFICATIONS

DELL Pro	Precision 5 14s	Precision 5 16s	Precision 5 14	Precision 5 16	Max 16	Precision 7 14	Precision 7 16	Max 16 Plus	Max 18 Plus
Format	14'' (16:10) 31.5 x 22.6 x 1.9 cm Starting at 1.40kg	16'' (16:10) 35.8 x 25.3 x 1.9 cm Starting at 1.89kg	14'' (16:10) 31.3 x 22.7 x 2.3 cm Starting at 1.81kg	16'' (16:10) 35.8 x 25.6 x 2.4 cm Starting at 2.16kg	16'' (16:10) 35.8 x 25.6 x 2.4 cm Starting at 2.10kg	14'' (16:10) 31.0 x 21.2 x 1.9 cm Starting at 1.59kg	16'' (16:10) 35.8 x 25.3 x 2.0 cm Starting at 2.17kg	16'' (16:10) 36.0 x 25.8 x 2.9 cm Starting at 2.54kg	18'' (16:10) 40.2 x 27.9 x 3.0 cm Starting at 3.13kg
Max TDP (CPU +GPU)	37 Watt	38 Watt	62 Watt	85 Watt	80 Watt	70 Watt	100 Watt	180 Watt	208 Watt
CPUs	Intel® Core Ultra™ H Series Ultra 5 → Ultra 9 - AMD Ryzen AI Pro R5 → R9 - All Copilot+ certified	Intel® Core Ultra™ H Series Ultra 5 → Ultra 9 - AMD Ryzen AI Pro (34-38W) R5 → R9 - All Copilot+ certified	Intel® Core Ultra™ H Series Ultra 5 → Ultra 9 - All Copilot+ certified	Intel® Core Ultra™ H Series Ultra 5 → Ultra 9 - All Copilot+ certified	AMD Ryzen AI Pro R5 → R9 - All Copilot+ certified	Intel® Core Ultra™ H Series Ultra 7 → Ultra 9 - All Copilot+ certified	Intel® Core Ultra™ H Series Ultra 7 → Ultra 9 - All Copilot+ certified	Intel® Core Ultra™ HX Series Ultra 5, Ultra 7, Ultra 9 - AI PC 13TOPs	Intel® Core Ultra™ HX Series Ultra 5, Ultra 7, Ultra 9 - AI PC 13TOPs
Screens	FHD+, 400nits 45% NTSC - FHD+, 400 nits touch 100% sRGB - FHD+, 500 nits, 100% sRGB, SLP, LBL - FHD+, OLED, 90%DCI-P3 - QHD+, 500 nits, 100% sRGB, LBL	FHD+, 400nits 45% NTSC - FHD+, 400 nits 45% NTSC touch - FHD+, 500 nits, 100% sRGB, SLP, LBL - QHD+, 500 nits, 100% sRGB, LBL	FHD+, 400nits 45% NTSC - FHD+, 400 nits touch 100% sRGB - QHD+, 400 nits, 100% sRGB	FHD+, 400nits 45% NTSC - FHD+, 400 nits 45% NTSC touch - QHD+, 400 nits, 100% sRGB	FHD+, 400nits 45% NTSC - FHD+, 400 nits 45% NTSC touch - QHD+, 400 nits, 100% sRGB	FHD+, 400nits 100% sRGB, LBL - QHD+, OLED, touch, 400 nits, 100% DCI-P3, HDR TrueBlack 500, LBL	FHD+, 120Hz, 500nits 100% DCI-P3, LBL - 4K, 120Hz, OLED, touch, 500 nits, 100% DCI-P3, HDR TrueBlack 1000, LBL	FHD+, Anti-glare, Wide-angle, 45% NTSC, 300nits - FHD+, 120Hz, Anti-glare, Wide-angle, 100% DCI-P3, 500nits, LBL - 4K OLED, VRR 120Hz, Touch, Wide-Angle, 500nits, 100% DCI-P3	QHD+, Wide-angle, 500nits, 100% DCI-P3, LBL
Camera (opt)	FHD RGB - FHD RGB-IR HDR Windows Hello - 8MP RGB-IR HDR Windows Hello	FHD RGB - FHD RGB-IR HDR Windows Hello - 8MP RGB-IR HDR Windows Hello	FHD RGB HDR - FHD RGB-IR HDR Windows Hello - MIPI 8MP HDR Windows Hello UPD, Synaptics	FHD RGB HDR - FHD RGB-IR HDR Windows Hello - MIPI 8MP HDR Windows Hello UPD, Synaptics	FHD RGB HDR - FHD RGB-IR HDR Windows Hello	8MP RGB-IR HDR Windows Hello	8MP RGB-IR HDR Windows Hello	FHD RGB Photon Sensors - MIPI 8MP HDR Windows Hello UPD	FHD RGB Photon Sensors - MIPI 8MP HDR Windows Hello UPD
Memory	max. 64GB 8533 MT/s **If Intel CPU:** LPCAMM2 (1 module) **If AMD CPU:** LPDDR5x (soldered)	max. 64GB 8533 MT/s **If Intel CPU:** LPCAMM2 (1 module) **If AMD CPU:** LPDDR5x (soldered)	max. 64GB 8533 MT/s LPCAMM2 (1 module)	max. 64GB 8533 MT/s LPCAMM2 (1 module)	max. 64GB 8000 MT/s LPDDR5x (soldered)	max. 64GB 8533 MT/s LPDDR5x (soldered)	max. 64GB 8533 MT/s LPDDR5x (soldered)	2 SoDimm slots Max. 96Gb 6400 MT/s Non-ECC DDR5 or 1 CAMM slot max. 256GB 7200 MT/s DDR5 non-ECC	2 SoDimm slots Max. 96Gb 6400 MT/s Non-ECC DDR5 or 1 CAMM slot max. 256GB 7200 MT/s DDR5 non-ECC
Storage	**Max: 1** (1) M.2 PCIe 2280 Up to 2TB	**Max: 1** (1) M.2 PCIe 2280 Up to 2TB	**Max: 1** (1) M.2 PCIe 2280 Up to 2TB	**Max: 2** (2) M.2 PCIe 2280 Up to 4TB	**Max: 2** (2) M.2 PCIe 2280 Up to 4TB	**Max: 1** (1) M.2 PCIe 2280 Up to 4TB	**Max: 2** (2) M.2 PCIe 2280 Up to 8TB	**Max: 3** (3) M.2 PCIe 2280 Up to 12TB	**Max: 4** (4) M.2 PCIe 2280 Up to 16TB
GPUs	If Intel CPU: Intel Graphics 4Xe/10Xe/12Xe If AMD CPU: AMD Graphics 840M/860M/880M/890M	If Intel CPU: Intel Graphics 4Xe/10Xe/12Xe If AMD CPU: AMD Graphics 840M/860M/880M/890M	NVIDIA® RTX Pro 500 - Intel Graphics 4Xe	NVIDIA® RTX Pro 2000 RTX Pro 1000 RTX Pro 500 - Intel Graphics 4Xe	NVIDIA® RTX Pro 1000 RTX Pro 500 - AMD Graphics 840M/860M/890M	NVIDIA® RTX Pro 2000 RTX Pro 1000 - Intel Graphics 4Xe Intel Graphics 12Xe	NVIDIA® RTX Pro 3000 RTX Pro 2000 RTX Pro 1000 - Intel Graphics 4Xe Intel Graphics 12Xe	NVIDIA® RTX Pro 5000 RTX Pro 4000 RTX Pro 3000 RTX Pro 2000 RTX Pro 1000 - Integrated Intel	NVIDIA® RTX Pro 5000 RTX Pro 4000 RTX Pro 3000 RTX Pro 2000 RTX Pro 1000 - Integrated Intel
I/O	2 TBT4 Type C 2 USB-A 1 HDMI 1 RJ-45 1 Audio combo jack 1 Smart Card (opt) 1 Fingerprint (opt) 1 nano SIM (opt) 1 anti-theft slot	2 TBT4 Type C 2 USB-A 1 HDMI 1 RJ-45 1 Audio combo jack 1 Smart Card (opt) 1 Fingerprint (opt) 1 nano SIM (opt) 1 anti-theft slot	2 TBT4 Type C 2 USB-A 1 HDMI 1 RJ-45 1 Audio combo jack 1 Smart Card (opt) 1 Fingerprint (opt) 1 anti-theft slot	2 TBT4 Type C 2 USB-A 1 HDMI 1 RJ-45 1 Audio combo jack 1 uSD card reader 1 Smart Card (opt) 1 Fingerprint (opt) 1 eSIM (opt) 1 anti-theft slot	2 TBT4 Type C 2 USB-A 1 HDMI 1 RJ-45 1 Audio combo jack 1 uSD card reader 1 Smart Card (opt) 1 Fingerprint (opt) 1 anti-theft slot	2 TBT 5 Type C 2 TBT 4 Type C 1 Audio combo jack 1 uSD card reader 1 Fingerprint 1 anti-theft slot + (opt) USB-C to USB-A+HDMI Adapter	2 TBT 5 Type C 1 TBT 4 Type C 1 HDMI 1 Audio combo jack 1 SD card reader 1 Fingerprint 1 anti-theft slot + (opt) USB-C to USB-A adapter	2 TBT 5 Type C 1 TBT 4 Type C 2 USB-A 1 HDMI 1 RJ-45 1 Audio combo jack 1 SD card reader 1 Smart Card reader 1 Fingerprint reader 1 Nano-Sim slot (opt) 1 anti-theft slot	2 TBT 5 Type C 1 TBT 4 Type C 2 USB-A 1 HDMI 1 RJ-45 1 Audio combo jack 1 SD card reader 1 Smart Card reader 1 Fingerprint reader 1 Nano-Sim slot (opt) 1 anti-theft slot
Battery	3-cell 57Whr Express 3-cell 70Whr Express (LongLife option)	3-cell 57Whr Express 3-cell 70Whr Express (LongLife option)	4-cell 72Whr (LongLife option)	4-cell 64Whr 6-cell 96Whr (LongLife option)	4-cell 64Whr 6-cell 96Whr (LongLife option)	4-cell 72Whr (LongLife option)	6-cell 96Whr (LongLife option)	6-cell 96Whr (LongLife option)	6-cell 96Whr (LongLife option)
WLAN WWAN	Wifi 7+ BT (opt) 4G/5G (opt)	Wifi 7+ BT (opt) 4G/5G (opt)	Wifi 7+ BT (opt) No WWAN	Wifi 7+ BT (opt) 5G (opt)	Wifi 7+ BT (opt) No WWAN	Wifi 7+ BT (soldered) No WWAN	Wifi 7+ BT (soldered) No WWAN	Wifi 7 + BT 5G (opt)	Wifi 7 + BT 5G (opt)
OS [2]	Windows® 11 Pro & Home Linux	Windows® 11 Pro & Home Linux	Windows® 11 Pro & Home Linux	Windows® 11 Pro & Home Linux	Windows® 11 Pro & Home Linux	Windows® 11 Pro & Home Linux	Windows® 11 Pro & Home Linux	Windows® 11 Pro & Home Linux	Windows® 11 Pro & Home Linux

When configuring a workstation, component choices may create limitations that do not allow you to reach the maximums shown in this table. For any support, DELL Sales is at your disposal.

Mobile Station Processors

Vendor	Processor	No. of Cores (P+E+LP)*	No. threads	Base and max frequency (P-E-LP)* GHz	AI Performance NPU (int8)**	Cache MB	Built-in Graphics	Mngnt
INTEL	Intel Core Ultra 5 336H	12 (4P+4E+4LP)	12	P 1.9-4.6 GHz E 1.5-3.4 GHz LP 1.5-3.2 GHz	50 TOPs	18 MB	Intel 4Xe	vPRO
	Intel Core Ultra 5 338H	12 (4P+4E+4LP)	12	P 1.9-4.7 GHz E 1.5-3.4 GHz LP 1.5-3.3 GHz	50 TOPs	18 MB	Intel 10Xe	vPRO
	Intel Core Ultra 7 356H	16 (4P+8E+4LP)	16	P 1.9-4.7 GHz E 1.5-3.5 GHz LP 1.5-3.3 GHz	40 TOPs	18 MB	Intel 4Xe	vPRO essential
	Intel Core Ultra 7 366H	16 (4P+8E+4LP)	16	P 2.0-4.8 GHz E 1.6-3.6 GHz LP 1.6-3.4 GHz	50 TOPs	18 MB	Intel 4Xe	vPRO
	Intel Core Ultra X7 368H	16 (4P+8E+4LP)	16	P 2.0-5.0 GHz E 1.6-3.8 GHz LP 1.6-3.6 GHz	50 TOPs	18 MB	Intel 12Xe	vPRO
	Intel Core Ultra 9 386H	16 (4P+8E+4LP)	16	P 2.1-4.9 GHz E 1.6-3.7 GHz LP 1.6-3.5 GHz	50 TOPs	18 MB	Intel 4Xe	vPRO
	Intel Core Ultra X9 388H	16 (4P+8E+4LP)	16	P 2.1-5.1 GHz E 1.6-3.8 GHz LP 1.6-3.7 GHz	50 TOPs	18 MB	Intel 12Xe	vPRO
	Intel Core Ultra 5 245HX	14 (6P+8E+0LP)	14	P 3.1-5.1 GHz E 2.6-5.1 GHz	13 TOPs	24 MB	Intel integrated	vPRO
	Intel Core Ultra 7 265HX	20 (8P+12E+0LP)	20	P 2.6-5.3 GHz E 2.3-4.6 GHz	13 TOPs	30 MB	Intel integrated	vPRO
	Intel Core Ultra 9 285HX	24 (8P+16E+0LP)	20	P 2.8-5.5 GHz E 2.1-4.6 GHz	13 TOPs	40 MB	Intel integrated	AMD Pro
AMD	AMD Ryzen AI 5 Pro 440	6	12	2.0-4.8 GHz	50 TOPs	16 MB	AMD Radeon 840M	AMD Pro
	AMD Ryzen AI 7 Pro 450	8	16	2.0-5.1 GHz	50 TOPs	16 MB	AMD Radeon 860M	AMD Pro
	AMD Ryzen AI 9 HX Pro 465	10	20	2.0-5.0 GHz	50 TOPs	24 MB	AMD Radeon 880M	AMD Pro
	AMD Ryzen AI 9 HX Pro 475	12	24	2.0-5.2 GHz	60 TOPs	24 MB	AMD Radeon 890M	AMD Pro

* Intel processor architectures integrate P (Performance), E (Efficient) and LP (Low Power cores) cores on some processors, the total number of cores of which is expressed by adding the P cores, E cores and LP cores. Each type of core has specific min and max frequency ranges.
** AI Performance expressed in TOPs (Tera Operations per Second) reflects the scores published by Intel and AMD. These are estimated on Int8 accuracies and reflect the processing performance at the level of the NPU cores embedded on each processor.

Dedicated graphics cards for mobile workstations

Graphics Cards	NVIDIA RTX Pro 5000	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 3000	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 1000	NVIDIA RTX Pro 500
Memory	24GB GDDR7 ECC	16GB GDDR7 ECC	12GB GDDR7 ECC	8GB GDDR7	8GB GDDR7	6GB GDDR7
Inteface Memory	256-bit	256-bit	192-bit	128-bit	128-bit	96-bit
Bandwidth	896 GBps	896 GBps	672 GBps	384 GBps	384 GBps	288 GBps
No. of Hearts CUDA [1]	10496	7680	5888	3328	2560	1792
RT Cores	82 (4th Gen)	60 (4th Gen)	46 (4th Gen)	26 (4th Gen)	20 (4th Gen)	14 (4th Gen)
Tensor Cores	328 (5th Gen)	240 (5th Gen)	184 (5th Gen)	104 (5th Gen)	80 (5th Gen)	56 (5th Gen)
TFlops Single Precision (FP32 Peak) *	49,8	38,7	29,1	17,7	13,6	9,2
AI TOPs***	1824	1334	992	798	572	294
Min – Max TGP **	95-175W	80-175W	60-140W	45-115W	35-115W	35-75W
VR Ready	Yes	Yes	Yes	Yes	Yes	-

* TFLops performance scores are indicative and may vary by platform.
** The TGP (Total Graph Power), represents the power consumption of the card. The min & max shown are NVIDIA's official statements. Also, the TGP can vary depending on the platform used. The AI performance measured in TOPS (Tera Operations per second) comes from NVIDIA's official statement on an FP4 basis with Sparsity.

Graphics cards integrated into mobile workstation processors

Graphics Cards	Intel 4Xe	Intel 10Xe	Intel 12Xe	AMD Radeon 840M	AMD Radeon 860M	AMD Radeon 880M	AMD Radeon 890M
Positioning	Entry-level Intel iGPUs for office/multimedia use and very occasional gaming.	Mid/high-end Intel iGPUs, significantly faster than Arc iGPUs offering a level of performance equivalent to some dedicated cards.	High-end Intel iGPUs, aim for performance close to or slightly below performance dedicated cards. Allows you to carry out design and graphic design tasks.	Entry-level AMD iGPUs for office/multimedia use and very casual gaming.	Mid-range AMD iGPUs for advanced office/multimedia use.	High-end AMD "mainstream" iGPUs, approx. 15% faster than the previous generation. Can replace an entry-level dedicated card.	High-end AMD iGPUs, aim for performance close to or slightly below performance dedicated cards. Allows you to carry out design and graphic design tasks

CPU/RAM/GPU/Platform Compatibility

AVAILABILITY GRAPHICS CARDS + PROCESSORS + MEMORY / WORKSTATION

Max Plus

16 & 18

Dell Pro Max 16 & 18 Plus (Intel)	Memory	UMA	RTX Pro 1000 (8GB)	RTX Pro 2000 (8GB)	RTX Pro 3000 (12GB)	RTX Pro 4000 (16GB)	RTX Pro 5000 (24GB)
Core Ultra 9 285HX vPro (55W)	CAMM: 256GB	Y	Y	Y	Y	Y	Y
Core Ultra 7 265HX vPro (55W)	CAMM: 64, 128GB Sodimm: 16, 32, 64 or 96GB						
Core Ultra 5 245HX vPro (55W)							

Precision 7

16

Dell Pro Precision 7 16 (Intel)	Memory (LPDDR5X soldered)	UMA	RTX Pro 1000 (8GB)	RTX Pro 2000 (8GB)	RTX Pro 3000 (12GB)
Core Ultra 9 386H vPro (50W)	64GB	4Xe		Y	Y
	32GB			Y	
Core Ultra X7 368H vPro (50W)	64GB	12Xe	Y	Y	Y
	32GB		Y	Y	Y
Core Ultra 7 366H vPro (50W)	64GB		Y	Y	Y
	32GB	4Xe	Y	Y	Y
Core Ultra 7 356H (45W)	32GB		Y		
	16GB	4Xe			

14

Dell Pro Precision 7 14 (Intel)	Memory (LPDDR5X soldered)	UMA	RTX Pro 1000 (8GB)	RTX Pro 2000 (8GB)
Core Ultra 9 386H vPro (45W)	64GB	4Xe		Y
	32GB			Y
Core Ultra 7 366H vPro (45W)	32GB or 64GB	4Xe	Y	Y
		Y	Y	Y
Core Ultra 7 356H (45W)	32GB		Y	
	16GB	4Xe		

Precision 5

Max 16

Dell Pro Max 16 (AMD)	Memory (LPDDR5X soldered)	UMA	RTX Pro 500 (6GB)	RTX Pro 1000 (8GB)
Ryzen AI 9 HX Pro 475 (52W)	16, 32 or 64GB	890M	Y	Y
Ryzen AI 7 Pro 450 (52W)		860M	Y	Y
Ryzen AI 5 Pro 440 (52W)		840M	Y	Y

16

Dell Pro Precision 5 16 (Intel)	Memory (LPCAMM2)	UMA	RTX Pro 500 (6GB)	RTX Pro 1000 (8GB)	RTX Pro 2000 (8GB)
Core Ultra 9 386H vPro (52W)	16, 32 or 64GB	4Xe	Y	Y	Y
Core Ultra 7 366H vPro (52W)		4Xe	Y	Y	Y
Core Ultra 5 336H vPro (48W)		4Xe	Y	Y	Y

14

Dell Pro Precision 5 14 (Intel)	Memory (LPCAMM2)	UMA	RTX Pro 500 (6GB)
Core Ultra 9 386H vPro (40W)	16, 32 or 64GB	4Xe	Y
Core Ultra 7 366H vPro (40W)		4Xe	Y
Core Ultra 5 336H vPro (35W)		4Xe	Y

Precision 5 s

16s

Dell Pro Precision 5 16s (Intel)	Memory (LPCAMM2)	UMA
Core Ultra X9 388H vPro (34W)	16, 32 or 64GB	12Xe
Core Ultra 9 386H vPro (34W)		4Xe
Core Ultra X7 368H vPro (34W)		12Xe
Core Ultra 7 366H vPro (34W)		4Xe
Core Ultra 5 338H vPro (34W)		10Xe
Core Ultra 5 336H vPro (34W)		4Xe

Dell Pro Precision 5 16s (AMD)	Memory (LPDDR5X soldered)	UMA
Ryzen AI 9 HX Pro 475 (34W)	64GB	890M
Ryzen AI 9 HX Pro 465 (34W)	32 or 64GB	880M
Ryzen AI 7 Pro 450 (34W)	16, 32 or 64GB	860M
Ryzen AI 5 Pro 440 (34W)	16 or 32BB	840M

14s

Dell Pro Precision 5 14s (Intel)	Memory (LPCAMM2)	UMA
Core Ultra X9 388H vPro (33W)	16, 32 or 64GB	12Xe
Core Ultra 9 386H vPro (33W)		4Xe
Core Ultra X7 368H vPro (33W)		12Xe
Core Ultra 7 366H vPro (33W)		4Xe
Core Ultra 5 338H vPro (33W)		10Xe
Core Ultra 5 336H vPro (33W)		4Xe

Dell Pro Precision 5 14s (AMD)	Memory (LPDDR5X soldered)	UMA
Ryzen AI 9 HX Pro 475 (33W)	64GB	890M
Ryzen AI 9 HX Pro 465 (33W)	32 or 64GB	880M
Ryzen AI 7 Pro 450 (33W)	16, 32 or 64GB	860M
Ryzen AI 5 Pro 440 (33W)	16 or 32BB	840M

* Some combinations may not be available directly at launch of the relevant platforms.

Mobile Workstations

RECOMMENDED CONFIGURATIONS / ISV APPLICATIONS

Engineering & Architecture (CAD/CAE)

Applications	Recommended model		Processor		Graphics card		Memory (min.)	
	Standard Use	Advanced Usage	Standard Use	Advanced Usage	Standard Use	Advanced Usage	Standard Use	Advanced Usage
ANSYS Discovery®	Dell Pro Max Plus 16/18	Dell Pro Max Plus 16/18	Intel Ultra 7 265H	Intel Ultra 9 285HX	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 5000	32GB	64GB
ANSYS Fluent®	Dell Pro Max Plus 16/18	Dell Pro Max Plus 16/18	Intel Ultra 7 265H	Intel Ultra 9 285HX	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 5000	64GB	128GB
ANSYS Mechanical®	Dell Pro Max Plus 16/18	Dell Pro Max Plus 16/18	Intel Ultra 7 265H	Intel Ultra 9 285HX	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 5000	64GB	128GB
ANSYS SpaceClaim®	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 9 285HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	64GB
Autodesk® Architecture, Engineering & Construction Collection	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 9 285HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	64GB
Autodesk® Autocad®	Dell Pro Precision 5 14s/16s or Dell Pro Precision 5 14/16	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Intel Ultra X7 338H Intel Ultra 336H	Intel Ultra 9 285H	Integrated Intel 12Xe or NVIDIA RTX Pro 500	NVIDIA RTX Pro 2000	16GB	32GB
Autodesk® Inventor®	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 7 265HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 3000	32GB	64GB
Autodesk® Product Design & Manufacturing Collection	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 9 285HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	64GB
Autodesk® Revit®	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 7 265HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 3000	32GB	64GB
Dassault Systèmes CATIA®	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 9 285HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	64GB
Dassault Systèmes Solidworks®	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 7 265HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 3000	32GB	64GB
Graphisoft Archicad	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 7 265HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 3000	32GB	64GB
PTC® Creo Parametric	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 9 285HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	64GB
Siemens NX™	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 7 265HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 3000	32GB	64GB
Siemens Solidedge	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 7 265HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 3000	32GB	64GB
Media & Entertainment (Modeling / Animation / Visualization (Rendering) / Video Production & Post-Production)								
Adobe CC (Premiere Pro, After Effects)	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 7 265HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	64GB
Autodesk 3ds Max	Dell Pro Max Plus 16/18	Dell Pro Max Plus 16/18	Intel Ultra 7 265HX	Intel Ultra 9 285HX	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 5000	32GB	64GB
Autodesk Maya®	Dell Pro Max Plus 16/18	Dell Pro Max Plus 16/18	Intel Ultra 7 265HX	Intel Ultra 9 285HX	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 5000	32GB	64GB
Avid Media Composer	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 9 285HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 4000	32GB	64GB
Avid DaVinci Resolve	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 9 285HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	64GB
Grass Valley Edius	Dell Pro Precision 5 16 or Dell Pro Precision 7 14/16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 9 285HX	NVIDIA RTX Pro 2000	NVIDIA RTX Pro 5000	32GB	64GB
Maxon Cinema 4D	Dell Pro Max Plus 16/18	Dell Pro Max Plus 16/18	Intel Ultra 7 265HX	Intel Ultra 9 285HX	NVIDIA RTX Pro 4000	NVIDIA RTX Pro 5000	32GB	64GB
Energy - Oil & Gas								
IHS Markit Kingdom	Dell Pro Precision 7 16	Dell Pro Max Plus 16/18	Intel Ultra 9 386H	Intel Ultra 9 285HX	NVIDIA RTX Pro 3000	NVIDIA RTX Pro 5000	32GB	64GB
Landmark DSG10 ep	Dell Pro Precision 7 16	Dell Pro Max Plus 16/18	Intel Ultra 9 386H	Intel Ultra 9 285HX	NVIDIA RTX Pro 3000	NVIDIA RTX Pro 5000	32GB	64GB
Schlumberger Petrel	Dell Pro Precision 7 16	Dell Pro Max Plus 16/18	Intel Ultra 9 386H	Intel Ultra 9 285HX	NVIDIA RTX Pro 3000	NVIDIA RTX Pro 5000	32GB	64GB
Geographic Information Systems (GIS)								
Esri ArcGIS Pro Desktop	Dell Pro Precision 7 16	Dell Pro Max Plus 16/18	Intel Ultra 7 366H	Intel Ultra 7 265HX	NVIDIA RTX Pro 3000	NVIDIA RTX Pro 4000	32GB	64GB
Data Science (Artificial Intelligence & Deep Learning)								
NVIDIA DataScience Software Stack with RAPIDS	Dell Pro Max Plus 16/18	Dell Pro Max Plus 16/18	Intel Ultra 7 265HX	Intel Ultra 9 285HX	NVIDI RTX Pro 4000	NVIDIA RTX Pro 5000	64GB	128GB

Useful links:

Online configurator

Certifications ISV

- The configurations in this table are recommendations to provide guidance on typical configurations under different ISVs software. However, it is possible to differ from this table through the wide choice of configurations available in order to better adapt your configuration according to your uses.
- Be careful, some software has licenses based on the number of cores. Also, in these cases, remember to check the number of processor cores that can be used according to the license used.
- Some of the software listed may use different computation/rendering engines using for the same software, either processor performance, GPU performance, or both. In this case,

Mobile Workstations

SMART SOLUTIONS TO WORK MORE EFFICIENTLY

New Dell Business 'Smart' Docking Stations
Dell Pro Smart Dock SD25, SD25TB4 and SD25TB5

Work at full throttle with the new Dell Pro Smart Docks. Charge your systems faster, support up to 4 4K displays at 120Hz or 1 8K display at 120Hz and connect them to your peripherals using a single USB-C, TBT4 or TBT5 cable.
Its new cable system allows it to be installed on any side without any inconvenience. Unique to Dell, our Smart Docks are autonomously manageable without the need to connect the user PC.

Dell Pro/Dell Pro Max Laptop Covers, Bags, Backpacks

Multiple sizes to carry your laptop. Protect your laptop, tablet, and essential accessories with our professional-looking solutions designed to blend in with any work environment.

Dell Pro Wireless Noise Cancelling Headphones - WL5024 & WL7024

Enhance your communications during your workday with a headset equipped with an AI-powered microphone and integrated hybrid active noise cancelling functionality, designed to reduce background noise, ensure your comfort and productivity.
The adjustable headband and replaceable leatherette memory foam ear cushions keep conference professionals productive and comfortable.

Webcam Dell Pro

Collaborate with ease, wherever you are, with our professional webcams with exceptional image quality. Benefit from state-of-the-art AI algorithms to manage brightness, tracking and auto-focus

---

Dell UltraSharp Monitor with PremierColor Technology

With Dell UltraSharp monitors, you get accurate, vibrant colors, an ultra-thin bezel and an ideal color gamut to meet your business needs. Experience a high level of detail with practical and ergonomic solutions to transform your screen into a real docking station with formats from 24" to 49" and resolutions up to 8K.

Dell Pro Wireless Keyboard and Mouse

Keep your desk functional with a modern wireless mouse and keyboard combo with scissor/chiclet keys and an LED optical sensor. Get the best solutions with ZOOM and Copilot certified collaborative keyboards.

ProSupport Plus

Get exclusive expert support at all times with predictive analytics (SupportAssist technology) and coverage for damage from drops, spills, power surges and more.

ProDeploy Plus

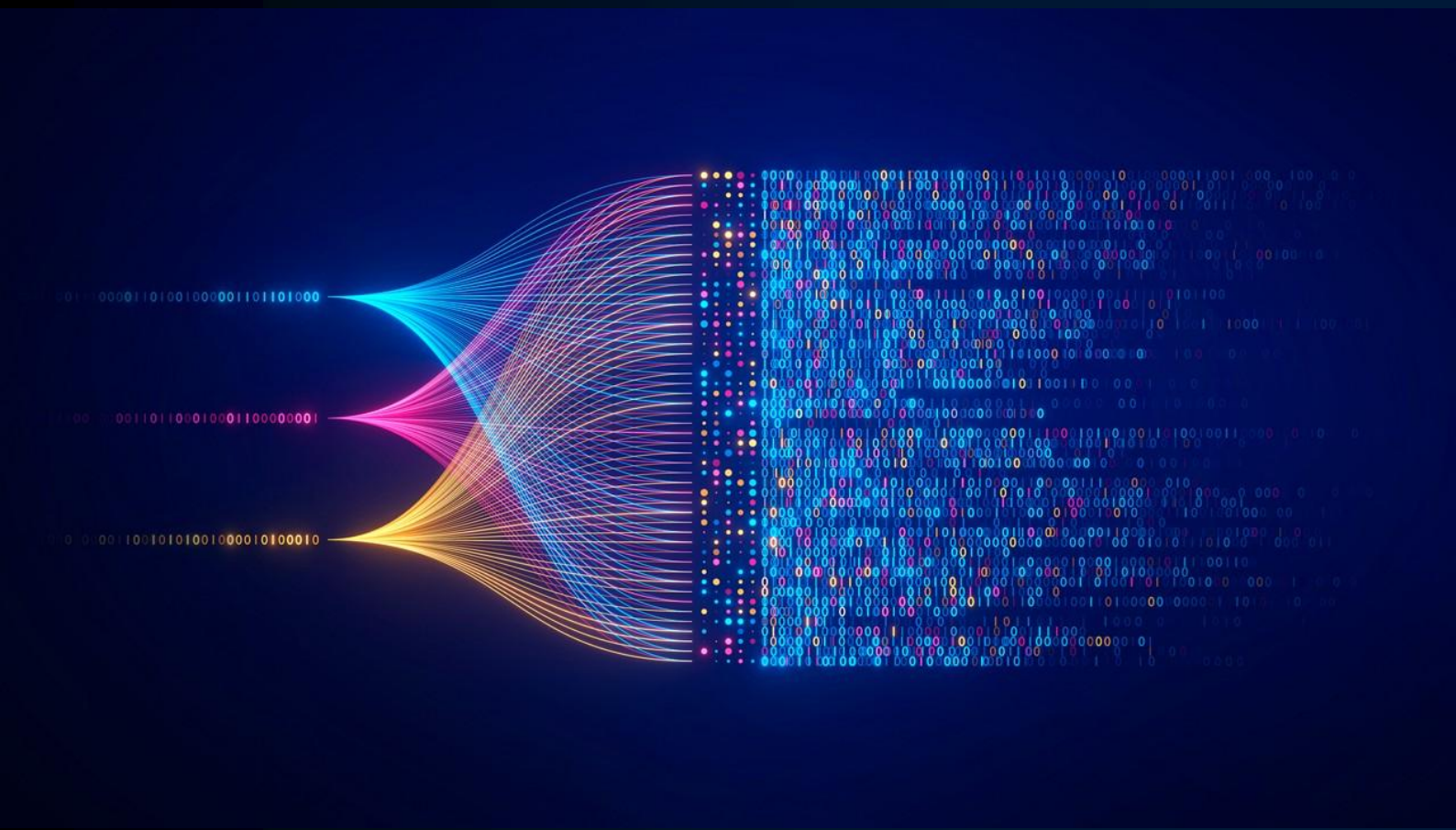
This comprehensive service facilitates the deployment of new technologies. You benefit from a single point of contact for project management, i.e. planning, configuration, data migration and knowledge transfer.

Accidental Damage Coverage

Use your PC with peace of mind and reduce downtime with protection against drops, spills, power surges, and accidental shocks. This coverage takes over from your coverage and is suitable for high-risk environments.

DELL Technologies

WORKSTATION GUIDE
'AI Solutions'
Lineup 2026/2027 (v1)



Outstanding performance

Dell Precision Workstations and Dell Pro Max let you get creative. Integrating scalable solutions and thousands of possible configurations to meet all needs, from the simplest to the most complex and demanding. Unleash your potential and let your genius run wild!

VISIT
HTTPS://WWW.DELL.COM/EN-US/SHOP/SCC/SC/WORKSTATIONS

Need more information ask Konrad Pleban | Workstation Sales Lead CEE @Dell Technologies

AI Solutions

Page 27 – **Technical preamble** - Reducing your need

Page 28 – **Presentation** - **"Customer" Solutions for Intensive AI**

Page 29 – Overview - **AI Intensive "Dedicated"** Customer Solutions

Page 30 – **Technical Specs** - Mobile AI Solution with **Dedicated NPUs**

Page 31 – **Technical Specs** - Dell Pro Max with **GB10** (#NVIDIA Spark)

Page 32 – **Technical Specs** - Dell Pro Max with **GB300** (#DGX Station)

>> Back to Main Menu

Tip: Click on the page of your choice for direct access, and click the 'Home' symbol to return to the table of contents.

Sizing memory and computing power for AI models (sLM / LLM)

This page aims to give **the IT decision-maker** a simple view of the relationship between **model size (number of parameters), mathematical precision (32 / 16 / 8 / 4 bits), GPU/NPU memory required**, as well as **computational performance (TOPS), tokens per second** and **latency**. Dell already uses these criteria in its sizing checklists (model size, precision, context length, latency requirements, inference optimizations).

1. Memory, precision and Model Size

1.1 Three concepts to connect

- **Number of parameters**

A "7B" model stands for ~**7 billion parameters** (weight). The more parameters, the more complex patterns the model is able to capture, but the more memory and computation it consumes.

- **Mathematical precision**

Each parameter is stored with a certain number of bits:
FP32: 32-bit (4-byte)
FP16 & BF16: 16-bit (2-byte)
INT8 / 8-bit: 8 bits (1 byte)
INT4 / 4-bit: 4-bit (0.5 bytes)

The higher the precision, the more accurate the model... but the more memory and computation time increase. Conversely, 8-bit or 4-bit quantization greatly reduces memory requirements and improves throughput, at the cost of a slight loss of quality if it is poorly managed.

- **Memory available on the accelerator (GPU / NPU / iNPU)**

The available VRAM/SRAM directly limits the size and precision of the model that can be loaded. For example, a 24GB GPU cannot host a 70B model in FP16, but it can run a 7B in FP16 or a 70B quantized in 4-bit.

1.2 Simple calculation rule for model memory

Memory required based on mathematical accuracy and number of model parameters:
In 32-bit:
Memory ≈ 4x the number of parameters in billions (e.g. Model 7B requires 28GB of memory)

In 16-bit:
Memory ≈ 2x the number of parameters in billions (e.g. Model 7B requires 14GB of memory)

In 8-bit:
Memory ≈ 1x the number of parameters in billions (e.g. Model 7B requires 7GB of memory)

In 4-bit:
Memory≈ 0.5x the number of parameters in billions (e.g. Model 7B requires 3.5GB of memory)

2. Computing power (TOPs), tokens/second and latency

1.1 TOPs and compute cost per token

TOPs (and TFLOPs), represent the raw performance of the accelerator (Tera Operations per second).
They therefore represent the ability to perform a certain number of operations per second, which makes them an excellent indicator of speed during the training, fine-tuning and inference phases.

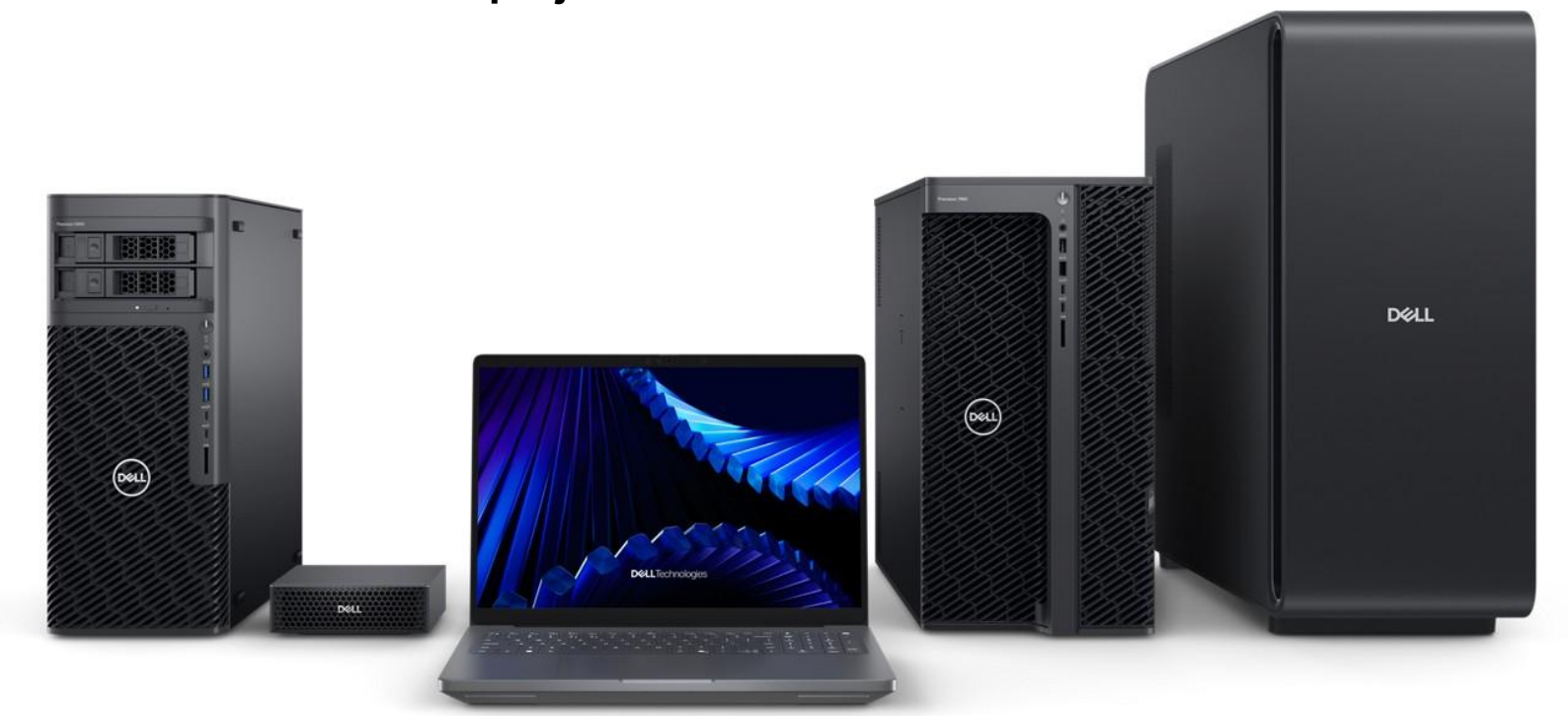
1.2 To put it simply:

If you double the size of the model, at constant TOPs, you approximately halve the token throughput (slowdown).
If you double the useful power (TOPs) at constant pattern, you approximately double the token throughput (acceleration).

3. Conclusion

The choice of an AI solution must be made with knowledge, in the order of:
1| Starting from the use case
2| Set non-negotiable constraints (data location, acceptable latency, volume of users,...)
3| Category of the model used (number of parameters)
4| Arbitrage precision vs. cost vs. quality (32/16/8/4-bit)

Each project has its own AI



Unlock the full potential of AI with a full range of Dell solutions, designed to meet every step of your journey.

Mobile workstations with built-in Copilot+ PC NPUs (see page 20)

Copilot+ PCs and workstations with integrated NPUs are the ideal starting point: they accelerate everyday AI tasks – meeting summaries, translation, video effects, office assistants – directly on the device. You gain in responsiveness, autonomy and confidentiality, without changing your uses.

Mobile workstation with dedicated NPUs (see page 30)

For teams that need to run heavier models closer to the data, the **Dell Pro Max 16 Plus with Qualcomm AI-100 inference card** adds a very powerful discrete NPU in a mobile chassis. It's the perfect solution for developers, data scientists, or engineers who need to prototype and infer locally, even in sensitive or disconnected environments.

Desktop, rack, and mobile workstations with NVIDIA Blackwell GPUs (see page 4 and page 20)

Dell workstations with NVIDIA RTX Pro Blackwell GPUs combine graphics power with advanced AI computing. They are designed for CAD/CAD, 3D, rendering, simulation, and AI workflows, and are a natural fit into broader development pipelines from desktop to data center.

Dedicated AI stations with NVIDIA Superchip GB10 & GB300 (see page 31 and page 32)

Finally, for AI at scale, **Dell Pro Max with GB10** and **Dell Pro Max with GB300** bring the power of NVIDIA Grace Blackwell architectures directly to the desktop. GB10 is a compact appliance ideal for developing, tuning and testing large models locally, while GB300 offers a server-class platform for entire teams, capable of processing very large models and datasets. With Dell, you choose the right AI tool for your needs, now and in the future.

DELL PRO

Max with GB300

>> 360° VIEW

The power of a data center, at the workstation
For teams working on hyperscale models, the **Dell Pro Max with GB300** brings data center performance directly to the desktop. Based on the **NVIDIA Grace Blackwell Ultra GB300 superchip**, it delivers up to **20 petaflops of FP4 compute** and supports models of up to **more than 1,000 billion parameters**, ideal for intensive training, advanced fine-tuning and multi-user inference. Its next-generation coherent memory and high-speed network make it an exceptional platform for data scientists and researchers who want to iterate quickly, while controlling costs and data sovereignty. Combined with **NVIDIA DGX OS** and the full suite of **NVIDIA AI** tools, the Dell Pro Max with GB300 integrates seamlessly with the **Dell AI Factory with NVIDIA** and seamlessly transitions from sandbox to production.

→ More information on the Dell Pro Max with GB300

Max with GB10

>> 360° VIEW

Cutting-edge AI, right on the desktop
Designed specifically for AI developers, the **Dell Pro Max with GB10** is a compact accelerator that brings the power of **the NVIDIA Grace Blackwell** architecture directly to your desk or edge. It allows you to build, refine, and run next-generation models locally with up to **200 billion parameters**, without relying on the cloud or shared GPUs. With **1 petaflop of FP4 compute** and **128 GB of** high-performance unified memory, you can accelerate your GenAI POCs, RAG projects, and prototypes while keeping your sensitive data on-site. Based on **NVIDIA DGX OS** and the pre-integrated **NVIDIA AI software stack** , the Dell Pro Max with GB10 offers an out-of-the-box platform to industrialize your AI developments, from the desktop to the data center.

→ More information about the Dell Pro Max with GB10

Max 16 Plus

>> 360° VIEW

Dell Pro Max 16 Plus with Qualcomm AI 100 PC Inference is a 16-inch mobile workstation designed to bring data center AI performance directly to the mobile desktop. It is the **first mobile workstation with a discrete enterprise-grade NPU**, providing fast, secure, and predictable local inference power without systematic reliance on the cloud.
The **Qualcomm AI 100** board a dual NPU with up to **64 GB of memory dedicated to AI**, capable of running very large models locally, up to **about 120 billion parameters in FP16/MXINT4**, while maintaining high accuracy. Compatible with **Windows and Linux**, the platform integrates with leading AI frameworks and tools, as well as Dell Pro AI Studio and the Qualcomm SDK to accelerate development.

→ More information on the Dell Pro Max 16 Plus

DELL Pro Max 16 Plus
with Qualcomm AI-100

Dell Pro Max 16 Plus with Qualcomm AI 100 PC Inference is a 16-inch mobile workstation designed to bring data center AI performance directly to the mobile desktop. It is the **first mobile workstation with a discrete enterprise-grade NPU**, providing fast, secure, and predictable local inference power without systematic reliance on the cloud.
The **Qualcomm AI 100** board a dual NPU with up to **64 GB of memory dedicated to AI**, capable of running very large models locally, up to **about 120 billion parameters in FP16/MXINT4**, while maintaining high accuracy. Compatible with **Windows and Linux**, the platform integrates with leading AI frameworks and tools, as well as Dell Pro AI Studio and the Qualcomm SDK to accelerate development.

→ More information on the Dell Pro Max 16 Plus

intel

- Format 16" 16:10
- Intel Core Ultra 7 and 9 HX CPUs (55W)
  - NPU 13 TOPs (INT8)
- 64 or 128GB CAMM2 RAM
- Intel integrated GPU
- Up to 3x 4TB SED SSD
- Windows OS, Linux
- LLM up to 7B parameters

+

Qualcomm

- Qualcomm AI-100 Inference Card
- Card with dedicated NPUs with
  - Up to 144 FP16 TOPs
  - Up to 435 INT8 TOPs
- 64GB LPDDR4X dedicated to NPUs
- LLM up to 120B parameters

>> Start building now with Dell Pro AI Studio software solutions.

Dell Pro AI Studio is an enterprise AI toolkit that brings together pre-validated templates, frameworks, scripts, and management tools to accelerate the development and deployment of AI applications on Dell AI PCs, while remaining independent of silicon vendors.

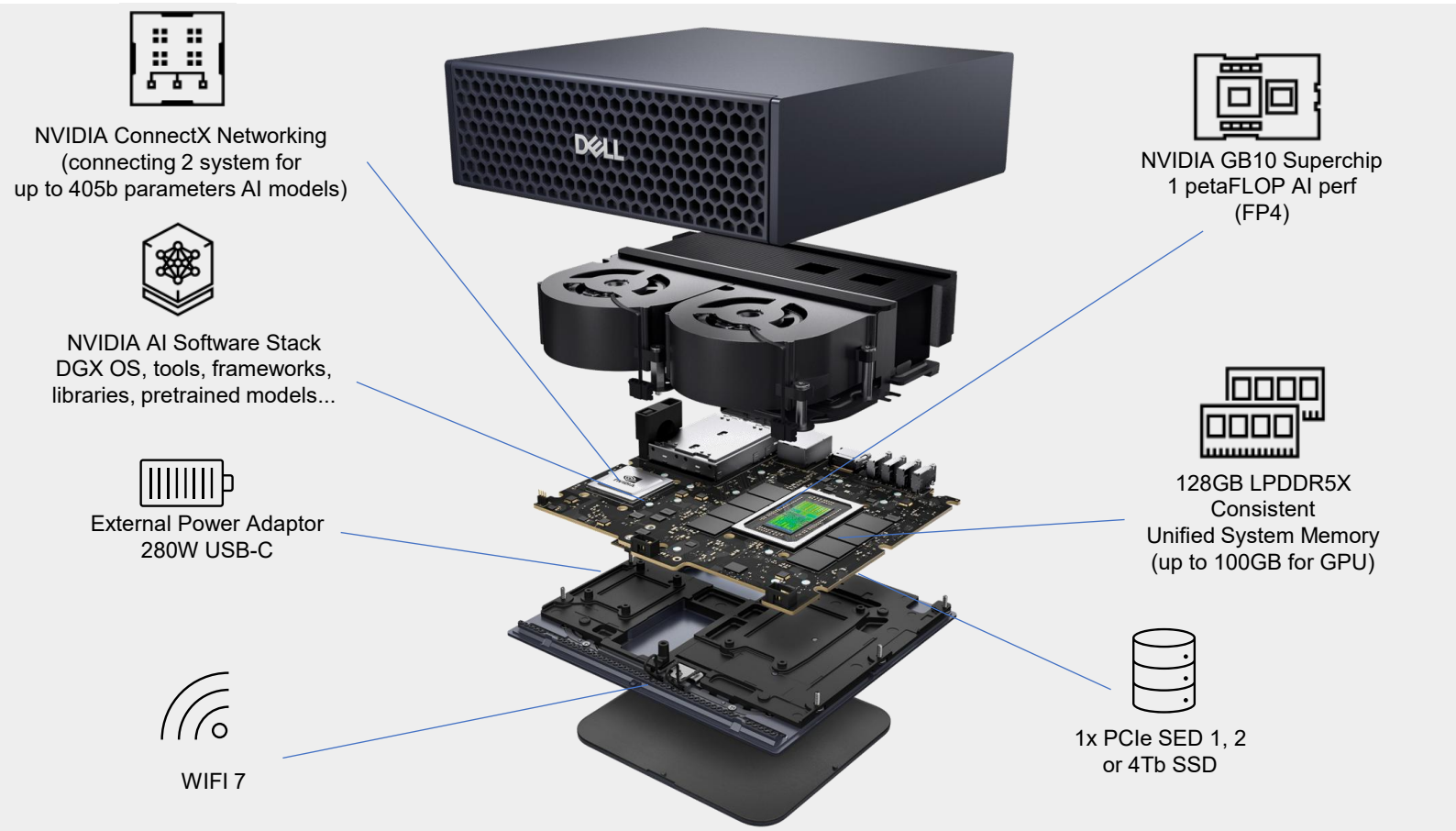
https://www.dell.com/en-us/lp/dell-pro-ai-studio

Dell Pro Max with GB10

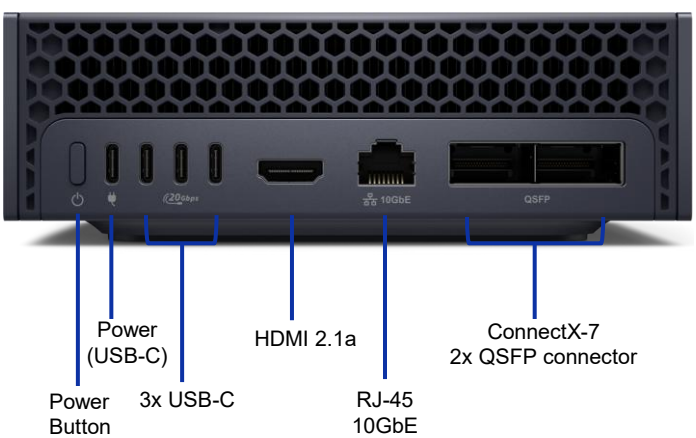
TECHNICAL SPECIFICATIONS

Cutting-edge AI, right on the desktop in a 1.2L format!
Designed specifically for AI developers, the **Dell Pro Max with GB10** is a compact accelerator that brings the power of **the NVIDIA Grace Blackwell** architecture directly to your desk or edge. It allows you to build, refine, and run next-generation models locally with up to **200 billion parameters**, without relying on the cloud or shared GPUs. With **1 petaflop of FP4 compute** and **128 GB of** high-performance unified memory, you can accelerate your GenAI POCs, RAG projects, and prototypes while keeping your sensitive data on-site. Based on **NVIDIA DGX OS** and the pre-integrated **NVIDIA AI software stack** , the Dell Pro Max with GB10 offers an out-of-the-box platform to industrialize your AI developments, from the desktop to the data center.

→ **More information about the Dell Pro Max with GB10**



>> 360° VIEW



Start building now with Dell Pro Max solutions with GB10 and GB300
https://build.nvidia.com/spark

Dell Pro Max with GB300

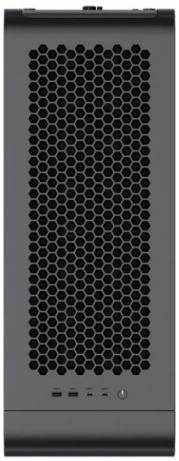
TECHNICAL SPECIFICATIONS

The power of a data center, at the workstation
For teams working on hyperscale models, the **Dell Pro Max with GB300** brings data center performance directly to the desktop. Based on the **NVIDIA Grace Blackwell Ultra GB300 superchip**, it delivers up to **20 petaflops of FP4 compute** and supports models of up to **more than 1,000 billion parameters**, ideal for intensive training, advanced fine-tuning and multi-user inference. Its next-generation coherent memory and high-speed network make it an exceptional platform for data scientists and researchers who want to iterate quickly, while controlling costs and data sovereignty. Combined with **NVIDIA DGX OS** and the full suite of **NVIDIA AI** tools, the Dell Pro Max with GB300 integrates seamlessly with the **Dell AI Factory with NVIDIA** and seamlessly transitions from sandbox to production.

→ **More information on the Dell Pro Max with GB300**

- Neoverse 72-core Grace CPU
- 784 GB of memory including:
  - RAM 496GB LPDDR5X
  - GPU B300 288GB HBM3e
- + RTX Pro 2000 (video interface)
- 4x 4TB SED SSD
- PSU 1600W C19
- Liquid cooling
- 20 PFLOPs (FP4)
- LLM +1000B parameters

>> 360° VIEW



Top

2x USB 3.2
2x USB-C 3.2
Power button

Back

Kensington lock slot
2x QSFP112 (400Gbps)
4x USB 3.2
1 line-out, 1 line-in, 1 audio universal
4x mDP (RTX Pro 2000)
Power Cord connector
1x RJ45 1GbE, 1x RJ45 10GbE
Power Switch

MIG (Multi Instance GPU): 7
Learn more about NVIDIA MIG
https://www.nvidia.com/en-us/technologies/multi-instance-gpu/

Start building now with Dell Pro Max solutions with GB10 and GB300
https://build.nvidia.com/spark