Dell Precision Workstation Product Recommendations
Ansys SpaceClaim

Entry
Precision 3260 Compact

For the professional who works on light to moderately complex part design and light to medium size assemblies, creates detailed drawings, schematic diagrams, and BOMs.

- Intel® Core™ i7-12700 Processor, 25MB Cache, 12 (8P+4E) Cores, 2.1GHz to 4.9GHz, 65W
- 32 GB, 2 x 16 GB, DDR5, 4800 MHz
- NVIDIA® T1000, 4 GB GDDR6, low profile, 4 mDP to DP adapters
- 512 GB, M.2, Gen 4 PCIe NVMe, SSD, Class 40
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Standard
Precision 3460 Small Form Factor

For the professional who works on moderately complex part designs, including tool and die design and medium assemblies, creates detailed drawings, schematic diagrams, and BOMs.

- Intel® Core™ i7-12700 Processor, 25MB Cache, 12 (8P+4E) Cores, 2.1GHz to 4.9GHz, 65W
- 32 GB, 2 x 16 GB, DDR5, 4800 MHz, ECC
- NVIDIA T1000 8GB, 8GB, 4 mDP to DP adapter (Precision 3460, 3260) or AMD® Radeon™ Pro WX 3200, 4 GB GDDR5, low profile, 4 DP
- 1 TB, M.2, Gen 4 PCIe NVMe, SSD
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Advanced
Precision 3660 Tower

For the professional who works on complex part designs, including tool and die design, medium assemblies, creates detailed drawings, schematic diagrams, and BOMs.

- Intel® Core™ i7-12700K Processor 25MB Cache, 12 (8P+4E) Cores , 3.6GHz to 5.0GHz, 125W
- 64 GB, 4 x 16 GB, DDR5, 4000 MHz, ECC
- NVIDIA RTX A2000 12GB, 12GB, 4 mDP (Precision 3660) or AMD Radeon™ Pro W6600, 8 GB GDDR6, 4 DP
- 1TB PCIe NVME™ Class 40 Gen4 M.2 SSD
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Ultimate
Precision 5860 Tower

For the professional who works on complex part designs, including tool and die design, large assemblies, creates detailed drawings, schematic diagrams, and BOMs.

- Intel® Xeon® W3-2425 (15 MB cache, 6 cores, 12 threads, 3.0 GHz to 4.4 GHz Turbo, 130 W)
- 64GB, 4x16GB, DDR5, 4800MHz, RDIMM ECC Memory
- NVIDIA® RTX™ A4500, 20 GB GDDR6, 4 DP or AMD Radeon Pro W6800, 32 GB GDDR6, 6 mDP
- 1 TB, M.2, PCIe NVMe, SSD, Class 40
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Entry
Precision 3581

For the professional who works on light to moderately complex part design and light assemblies single parts, creates detailed drawings, schematic diagrams, and BOMs and wants good mobility

- Intel® Core™ i7-13700H, vPro® Essentials (24MB Cache, 14 Cores, 20 Threads, 2.4-5.0 GHz Turbo, 45W)
- 16 GB, 1 x 16 GB, DDR5, 4800 MT/s
- NVIDIA® RTX A500, 4GB GDDR6 Graphics Card
- 512 GB, M.2 2280, Gen 4 PCIe NVMe SSD, Class 40
- 15.6" FHD 1920 x 1080, 60 Hz, 400 nits, non-touch, IR FHD EMZA Camera and Mic with WLAN + 4G WWAN
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Standard
Precision 5770

For the professional who works on light to moderately complex part design and light to medium sized assemblies, creates detailed drawings, schematic diagrams, and BOMs and wants maximum mobility.

- Intel® Core™ i7-12800H, vPro® (24MB cache, 14 core, 20 thread, 2.40 to 4.80 GHz Turbo, 45W)
- 32 GB, 2 x 16 GB, DDR5, 4800 MHz
- NVIDIA RTX A3000, 12 GB DDR6
- 1 TB, M.2 2280, Gen 4 PCIe x4 NVMe, SSD
- 17" UHD+ touch, 3840 x 2400, 60Hz, 500 nits WLED, 100% sRGB, Low BL w/ IR Cam
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Advanced
Precision 7680

For the professional who works on moderately complex part designs and assemblies single parts, creates detailed drawings, schematic diagrams, and BOMs and wants mobility.

- Intel® Core™ i7-13850HX (30MB Cache, 28 Threads, 20 Cores (8P+12E) up to 5.3GHz, 55w, vPro)
- 64GB, 2x32GB 5200MHz SODIMM, non-ECC
- NVIDIA RTX™ 5000 Ada 16GB GDDR6
- 512 GB, M.2 2280, Gen 4 PCIe x4 NVMe, SSD
- 16-inch, OLED UHD+ 3840 x 2400, 60 Hz, Anti-Glare, Touch, 100% DCIP3, 400 Nits, IR Cam/Mic WLAN
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Ultimate
Precision 7780

For the professional who works on complex part designs and assemblies, creates detailed drawings, schematic diagrams, and BOMs and wants mobility.

- Intel® Core™ i9-13950HX (36MB Cache, 32 Threads, 24 Cores (8P+16E) up to 5.5GHz, 55w, vPro)
- 64GB, 2x32GB 5200MHz SODIMM, non-ECC
- NVIDIA RTX™ 5000 Ada 16GB GDDR6
- 1 TB, M.2 2280, Gen 4 PCIe x4 NVMe, SSD
- 17" UHD 3840x2160 WLED WVA, 120Hz, anti-glare, non-touch, 99% DCI-P3, 500 nits, IR Camera, with Mic
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Please read the use case descriptions thoroughly to identify the appropriate recommendation for your usage. Recommendations are starting points and your requirements may vary. For more information see - **Precision Workstations**, **Dell Precision Engineering and Manufacturing Quick Reference Guide**, **Dell Precision Certifications**