

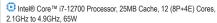
Dell Precision Workstation Product Recommendations

Dassault Systemes Solidworks

Precision 3260 Compact



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 runs first pass Finite Element and Kinematic Analyses.



32 GB, 2 x 16 GB, DDR5, 4800 MHz

NVIDIA® T1000, 4 GB GDDR6, low profile, 4 mDP to DP adapters or AMD Graphics None *

2 1 TB, M.2, Gen 4 PCle NVMe, SSD

Windows 10/11 Pro or Windows 10/11 Pro for Workstations

3 Years ProSupport with Next Business Day Onsite Service

Standard

Precision 3660 Tower



≗ 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.

Intel® Core™ i7-12700K Processor 25MB Cache, 12 (8P+4E) Cores . 3.6GHz to 5.0GHz. 125W

32 GB. 2 x 16 GB, DDR5, 4400 MHz, ECC

NVIDIA RTX A2000 12GB, 12GB, 4 mDP (Precision 3660) or AMD® Radeon™ Pro WX 3200, 4 GB GDDR5, 4 mDP

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

Advanced

Precision 5860 Tower



≥ For the professional who works on moderately complex part design and medium sized assemblies, creates detailed drawings, schematic diagrams, and BOMs, and runs complex Finite Element and Kinematic Analyses.

Intel® Xeon® W7-2475X (37.5 MB cache, 20 cores, 40 threads, 2.6 GHz to 4.8 GHz Turbo, 225 W)

64GB, 4x16GB, DDR5, 4800MHz, RDIMM ECC Memory

NVIDIA® RTX™ A4500, 20 GB GDDR6, 4 DP or AMD Radeon Pro W6600, 8 GB GDDR6, 4 DP

1 TB, M.2, PCle NVMe, SSD, Class 40

Windows 10/11 Pro or Windows 10/11 Pro for Workstations

3 Years ProSupport with Next Business Day Onsite Service

W6800, 32 GB GDDR6, 6 mDP 2 1 TB, M.2, PCIe NVMe, SSD, Class 40

32 threads, 4.0GHz to 4.5GHz, 280 W)

Windows 10/11 Pro or Windows 10/11 Pro for Workstations

128GB, 8x16GB, DDR5, 4800MHz, RDIMM ECC Memory

Ultimate

Precision 7865 Tower

≥= For the professional who works on

assemblies, creates detailed drawings,

complex part design and light to large size

schematic diagrams, and BOMs, and runs complex Finite Element and Kinematic

3 Years ProSupport with Next Business Day Onsite Service

Analyses.

AMD Ryzen Threadripper PRO 5955WX (64 MB cache, 16 cores,

NVIDIA® RTX™ A5500, 24 GB GDDR6, 4 DP or AMD Radeon Pro

Customize & Buy

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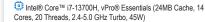
If using Solidworks Visualize upgrade graphics card / system for dramatically improved rendering performance, minimum of NVIDIA RTX A4000 or AMD Radeon Pro WX 6800 is recommended. Higher end or multiple graphics cards can further improve performance.

Customize & Buy

Precision 3581



For the professional using SolidWorks Standard who works on light part design and light assemblies single parts, creates detailed drawings, schematic diagrams, and BOMs and wants good mobility



32 GB, 2 x 16 GB, DDR5, 4800 MHz

NVIDIA® RTX A1000 6GB, GDDR6 Graphics Card

2 512 GB, M.2 2280, Gen 4 PCle NVMe SSD, Class 40

15.6" FHD 1920 x 1080, 60 Hz, 250 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

Customize & Buy



♣ For the professional using SolidWorks Professional who works on light to moderately complex part design and light to medium sized assemblies, creates detailed drawings, schematic diagrams, BOMs and occasional visualization desiring maximum mobility.

Intel® Core™ i7-12700H, vPro® Essentials (24MB, 14 core 20 thread, 2.30-4.70GHz Turbo, 45W)

NVIDIA RTX A3000, 12 GB DDR6

2 1 TB, M.2 2280, Gen 4 PCle 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

Customize & Buy

Precision 5770



32 GB, 2 x 16 GB, DDR5, 4800 MHz

3 Years ProSupport with Next Business Day Onsite Service

Advanced Precision 7680



For the professional using SolidWorks Premium who works on moderately complex part design and complex assemblies, creates detailed drawings, schematic diagrams, BOMs, complex simulation and occasional visualization and wants a balance of 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

2 512 GB, M.2 2280, Gen 4 PCle 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



Professional, using SolidWorks Premium who works on complex part design and large assemblies, creates detailed drawings, schematic diagrams, BOMs complex simulation and visualization using SolidWorks Visualize including VR

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

2 1 TB, M.2 2280, Gen 4 PCle 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

If using Soldworks Visualize upgrade graphics card / system for dramatically improved rendering performance, minimum of NVIDIA RTX 4000 Ada or RTX 5000 Ada recommended.

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