Dell Precision Workstation Product Recommendations
Siemens PLM NX™

DELL Technologies

Entry
Precision 3650 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.

- 11th Generation Intel® Core™ i7-11700K, 8 Cores, 3.6 / 5.0GHz, 16MB Cache
- Nvidia T1000, 4GB or AMD Radeon™ Pro WX3200, 4GB
- 16GB non-ECC
- 512GB SSD Class 40
- Windows 10 Pro or Windows 10 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Standard
Precision 5820 Tower

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

- Intel Xeon® Processor W-2245, 8 Cores, 3.9 / 4.7GHz, 11MB Cache
- NVIDIA® Quadro® P2200, 5GB or Radeon Pro WX 5100, 8GB
- 32GB ECC
- 512GB SSD Class 20
- Windows 10 Pro or Windows 10 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Advanced
Precision 5820 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 Processor W-2275, 14 Cores, 3.3 / No-TurboGHz, 19.25MB Cache
- NVIDIA Quadro RTX™ 4000/A4000, 8GB or AMD Radeon Pro W5500, 8GB
- 64GB ECC
- 1TB SSD Class 40
- Windows 10 Pro or Windows 10 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Ultimate
Precision 7820 Tower

For the professional who works on complex part design and l large size assemblies, creates detailed drawings, schematic diagrams, and BOMs, and runs multiple complex Finite Element and Kinematic Analyses as well as visualization tasks utilizing VR or GPU accelerated

- Dual Intel Xeon Silver 4214, 12 Cores, 2.2 / 3.2GHz, 16.5MB Cache
- NVIDIA Quadro RTX 5000/A5000, 16GB or AMD Radeon Pro W5700, 8GB
- 128GB ECC
- 1TB SSD Class 50
- Windows 10 Pro or Windows 10 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Consider upgrading graphics card to an NVIDIA RTX 4000, RTX 5000 or RTX 6000 Turing or Ampere architecture for workflows that utilize NX Ray Traced Studio or NX Virtual Reality for best performance.

Entry
Precision 3561

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 Processor i5-10400H, 4 Cores, 2.60 / 4.60GHz, 8MB Cache
- NVIDIA T600, 4GB
- 32GB Non-ECC
- 512 GB SSD
- 15.6" 1920x1080, 100% sRGB
- Windows 10 Pro or Windows 10 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Standard
Precision 5760

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.

- Intel Xeon W-11855M, 6 Cores, 3.20 / 4.90GHz, 11855MB Cache
- NVIDIA RTX A3000, 6GB
- 32GB ECC
- 512 GB SSD
- 17" 3840 x 2400, 99% DCI-P3
- Windows 10 Pro or Windows 10 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Advanced
Precision 7560

For the professional who works on complex part designs, including tool and die design, large assemblies, creates photo-realistic renderings and marketing materials, runs complex Finite Element and Kinematic Analyses.

- Intel Xeon Processor W-11855M, 6 Cores, 3.20 / 4.90GHz, 11855MB Cache
- NVIDIA RTX A4000, 8GB
- 32GB ECC
- 1 TB SSD
- 15.6" 3840x2160, 100% Adobe RGB
- Windows 10 Pro or Windows 10 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Ultimate
Precision 7760

For the professional who works on complex part designs, including tool and die design, large assemblies, creates photo-realistic renderings and marketing materials, runs complex Finite Element and Kinematic Analyses.

- Intel Xeon Processor W-11855M, 6 Cores, 3.20 / 4.90GHz, 11855MB Cache
- NVIDIA RTX A5000, 16GB
- 64GB Non-ECC
- 1 TB SSD
- 17.3" 3840x2160, 100% Adobe RGB
- Windows 10 Pro or Windows 10 Pro for Workstations
- 3 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Consider upgrading graphics card to an NVIDIA RTX A4000 or RTX A5000 for workflows that utilize NX Ray Traced Studio or NX Virtual Reality for best performance.

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**, **Product information**, **Dell Precision Engineering and Manufacturing Quick Reference Guide**, **Dell Precision Certifications**.

Provided curteousy of: