Dell Precision Workstation Product Recommendations

Esri ArcGIS Pro

Entry

Precision 3660 Tower

For the entry level GIS professional using ArcGIS Pro Basic for map creation, interactive visualization, and spatial analysis.

- 13th Gen Intel® Core™ i7-13700 (30 MB cache, 16 cores, 24 threads, 2.10 GHz to 5.20 GHz Turbo, 65 W)
- NVIDIA® T1000, 4 GB GDDR6
- 32 GB DDR5
- 512 GB, M.2, PCIe NVMe, SSD, Class 40
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3/4/5 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Standard

Precision 5860 Tower

For the mainstream GIS professional using ArcGIS Pro Standard for map creation, interactive visualization, and spatial analysis, multi-user editing and advanced data management and advanced analysis, high-end cartography, and extensive database management.

- Intel® Xeon® W5-2445 (26.25 MB cache, 10 cores, 20 threads, 3.1 GHz to 4.6 GHz Turbo, 175 W)
- NVIDIA® RTX™ A2000, 12 GB GDDR6
- 32 GB DDR5, ECC
- 1TB PCIe NVME™ Class 40 M.2 SSD
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3/4/5 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Advanced

Precision 7865 Tower

For the advanced GIS professional using ArcGIS Pro Advanced for multi-user editing and advanced data management and advanced analysis, high-end cartography, and extensive database management.

- AMD Ryzen Threadripper PRO 5965WX (128 MB cache, 24 cores, 48 threads, 3.8GHz to 4.5GHz, 280 W)
- NVIDIA® RTX™ A4500, 20 GB GDDR6
- 64 GB DDR5, ECC
- 1TB PCIe NVME™ Class 40 M.2 SSD
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3/4/5 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Ultimate

Precision 7960 Tower

For the advanced GIS professional using Arc GIS Advanced and ESRI City Engine for architecture, urban planning and GIS for the efficient creation of 3D cities and buildings

- Intel® Xeon® w7-3445 (52.5MB Cache, 20 cores, 40 threads, 2.6GHz to 4.8GHz Turbo 270W)
- NVIDIA® RTX™ A5500, 24 GB GDDR6, 4 DP
- 128 GB DDR5, ECC
- 2TB PCIe NVME™ Class 40 M.2 SSD
- Windows 10/11 Pro or Windows 10/11 Pro for Workstations
- 3/4/5 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Entry

Precision 3581

For the entry level GIS professional using ArcGIS Pro Basic for map creation, interactive visualization, and spatial analysis.

- Intel® Core™ i7-13700H, vPro® Essentials (24MB Cache, 14 Cores, 20 Threads, 2.4-5.0 GHz Turbo, 45W)
- NVIDIA® RTX™ 2000 Ada, 8 GB GDDR6
- 32 GB DDR5
- 512 GB, M.2, PCIe NVMe, SSD, Class 40
- 15.6" FHD 1920 x 1080, 60 Hz, Non-touch
- Windows 10/11 Pro
- 3/4/5 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Standard

Precision 5680

For the mainstream GIS professional using ArcGIS Pro Standard for map creation, interactive visualization, and spatial analysis, multi-user editing and advanced data management and advanced analysis, high-end cartography, and extensive database management

- Intel® Core™ i7-13800H, vPro® Enterprise (24MB Cache, 14 Cores, 20 Threads, 2.5-5.2 GHz Turbo, 45W)
- NVIDIA RTX™ 3500 Ada 12GB GDDR6
- 32 GB DDR5
- 1TB PCIe NVME™ Class 40 M.2 SSD
- 16" FHD+ 1920 x 1200, 60Hz, Non-touch,
- Windows 10/11 Pro
- 3/4/5 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Advanced

Precision 7680

For the advanced GIS professional using ArcGIS Pro Advanced for multi-iuser editing and advanced data management and advanced analysis, high-End cartography, and extensive database management.

- 13th Gen Intel® Core™ i7-13850HX, vPro® (30MB, 20 cores, 28 threads, up to 5.30 GHz Turbo, 55W)
- NVIDIA RTX™ 4000 Ada 12GB GDDR6
- 32 GB DDR5
- 1TB PCIe NVME™ Class 40 M.2 SSD
- 16" UHD+ 3840x2400 OLED, WVA, 60Hz, Touch, 100% DCI-P3
- Windows 10/11 Pro
- 3/4/5 Years ProSupport with Next Business Day Onsite Service

Customize & Buy

Ultimate

Precision 7780

For the advanced GIS professional using Arc GIS and ESRI City Engine for architecture, urban planning and GIS for the efficient creation of 3D cities and buildings.

- 13th Gen Intel® Core™ i9-13950HX, vPro® (36MB, 24 cores, 32 threads, up to 5.50 GHz Turbo, 55W)
- NVIDIA RTX™ 5000 Ada 16GB GDDR6
- 64 GB DDR5
- 2TB PCIe NVME™ Class 40 M.2 SSD
- 17.3" 3840 x 2160,99% DCI-P3
- Windows 10/11 Pro
- 3/4/5 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**. **Product information**, **Dell Precision GIS Quick Reference Guide, Dell GIS**

Provided curteousy of: