Dell Precision Workstation Product Recommendations
Engineering Revit

FIXED WORKSTATIONS

Entry

Precision 3680 Tower

For the professional architect, engineer, technician or designer performing 3D modelling and detailing on small to medium projects needing occasional rendering, VR interaction, structural, lighting analysis, or reality capture integration.

CPU: Intel® Core™ i7 14th Gen 14700K (33 MB cache, 20 cores, 28 threads, 3.4 GHz to 5.6 GHz, 125W)

Memory: 32GB: 2 x 16 GB, DDR5, 4400 MT/s, ECC

Graphics: NVIDIA® RTX™ A2000 12GB, 12 GB GDDR6

Storage: 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD

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

Support: 3 Years ProSupport with Next Business Day Onsite Service

Standard

Precision 3680 Tower

For the professional architect, engineer, technician or designer performing 3D modelling and detailing on small to medium size projects needing frequent rendering, VR interaction, structural, lighting analysis, or reality capture integration.

CPU: Intel® Core™ i9 14th Gen 14900K (36 MB cache, 24 cores, 32 threads, 3.2 GHz to 6.0 GHz, 125W)

Memory: 64GB: 4 x 16 GB, DDR5, 4000 MT/s, ECC

Graphics: NVIDIA® RTX™ 4000 Ada Generation, 20GB GDDR6, 4DP

Storage: 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD

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

Support: 3 Years ProSupport with Next Business Day Onsite Service

Advanced

Precision 5860 Tower

For the professional architect, engineer, technician or designer performing 3D modelling and detailing on medium to large projects needing frequent rendering, VR interaction, structural, lighting analysis, or reality capture integration.

CPU: Intel® Xeon® W5-2465X (33.75 MB cache, 16 cores, 32 threads, 3.1 GHz to 4.7 GHz Turbo, 200 W)

Memory: 64 GB, 4 x 16 GB, DDR5, 4000 MT/s

Graphics: Dual NVIDIA® RTX™ A6000, 48 GB GDDR6, 4 DP

Storage: 1TB PCIe NVME™ Class 40 M.2 SSD

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

Support: 3 Years ProSupport with Next Business Day Onsite Service

Ultimate

Precision 7960 Tower

For the professional architect, engineer, technician or designer performing 3D modelling and detailing on large to extremely large projects needing frequent rendering, VR interaction, structural, lighting analysis, or reality capture integration.

CPU: Intel® Xeon® w9-3495X (105MB Cache, 56 cores, 112 threads, 1.9GHz to 4.8GHz Turbo 350W)

Memory: 128GB, 8x16GB, DDR5, 4800MT/s, RDIMM ECC Memory

Graphics: Dual NVIDIA® RTX™ A6000, 48 GB GDDR6, 4 DP

Storage: 2TB, M.2, PCIe NVMe, SSD, Class 40

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

Support: 3 Years ProSupport with Next Business Day Onsite Service

Please read the use case descriptions thoroughly to identify the appropriate recommendation for your usage. Recommendations are starting points and your requirements may vary.

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Dell Precision Workstation Product Recommendations
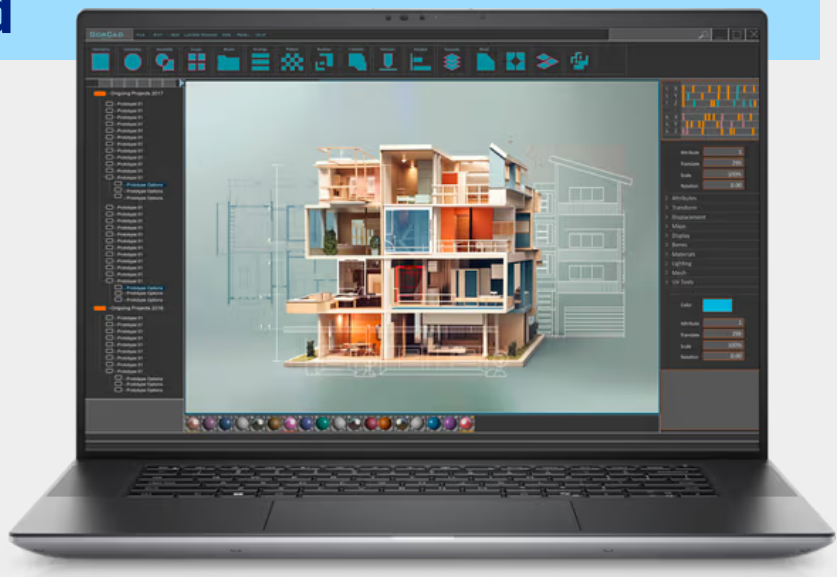## **Engineering** Revit

Entry

Precision 3591
Mobile

For the professional architect, engineer, technician or designer performing 3D modelling and detailing on small to medium projects needing occasional rendering, VR interaction, structural, lighting analysis, or reality capture integration.

CPU: Intel® Core™ Ultra 7 165H vPro® Enterprise (24 MB cache, 16 cores, 22 threads, up to 5.0 GHz, 45W)

Memory: 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, non-ECC

Graphics: NVIDIA® RTX™ 2000 Ada, 8 GB GDDR6

Storage: 512 GB M.2 PCIe NVMe Gen 4 2280 SSD

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

Support: 3 Years ProSupport with Next Business Day Onsite Service

Standard

Precision 5690
Mobile

For the professional architect, engineer, technician or designer performing 3D modelling and detailing on small to medium size projects needing frequent rendering, VR interaction, structural, lighting analysis, or reality capture integration.

CPU: Intel® Core™ Ultra 7 165H vPro® Enterprise (24 MB cache, 16 cores, 22 threads, up to 5.0 GHz, 45W)

Memory: 64GB LPDDR5x 7467 MT/s

Graphics: NVIDIA® RTX™ 3500 Ada, 12GB GDDR6

Storage: 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD, Class 40

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

Support: 3 Years ProSupport with Next Business Day Onsite Service
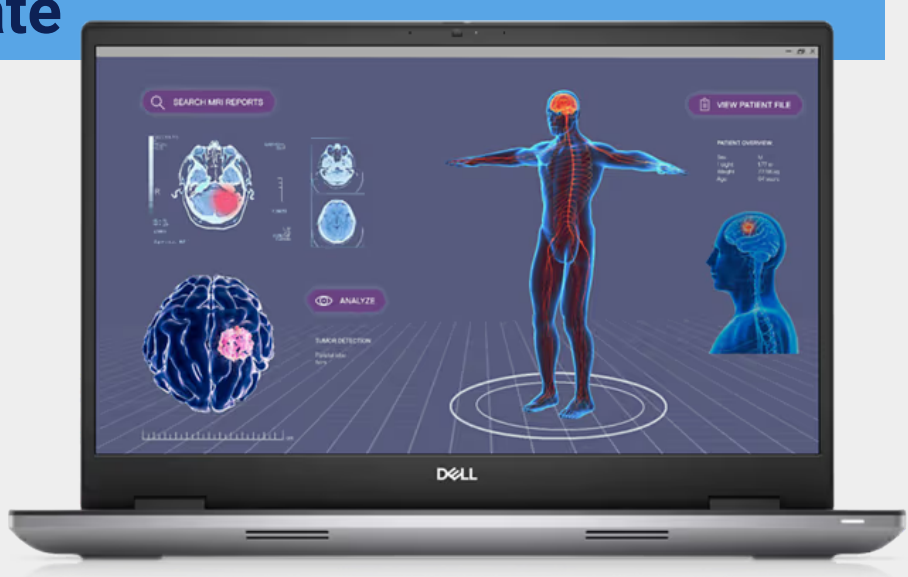
Advanced

Precision 7680
Mobile

For the professional architect, engineer, technician or designer performing 3D modelling and detailing on medium to large projects needing frequent rendering, VR interaction, structural, lighting analysis, or reality capture integration.

CPU: 13th Gen Intel® Core™ i9-13950HX, vPro® (36MB, 24 cores, 32 threads, up to 5.50 GHz Turbo, 55W)

Memory: 64GB, 2x32GB 5200MT/s SODIMM, non-ECC

Graphics: NVIDIA RTX™ 5000 Ada 16GB GDDR6

Storage: 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD, Class 40

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

Support: 3 Years ProSupport with Next Business Day Onsite Service

Ultimate

Precision 7780
Mobile

For the professional architect, engineer, technician or designer performing 3D modelling and detailing on large to extremely large projects needing frequent rendering, VR interaction, structural, lighting analysis, or reality capture integration.

CPU: 13th Gen Intel® Core™ i9-13950HX, vPro® (36MB, 24 cores, 32 threads, up to 5.50 GHz Turbo, 55W)

Memory: 128GB, 1x128GB 3600MT/s CAMM, non-ECC

Graphics: NVIDIA RTX™ 5000 Ada 16GB GDDR6

Storage: 2 TB, M.2 2280, Gen 4 PCIe NVMe, SSD

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

Support: 3 Years ProSupport with Next Business Day Onsite Service

For more information see:

Please read the use case descriptions thoroughly to identify the appropriate recommendation for your usage. Recommendations are starting points and your requirements may vary.