

Dell Precision workstations

Demanding work deserves Precision.



Every Dell Precision workstation is designed around innovation, performance and reliability.

We understand the importance of time and workflow for all professional creations, as well as graphic and data intensive tasks. With this in mind, we built systems with the most innovative performance technologies, and worked with our software partners to test and certify all Dell Precisions so that we maximize performance and minimize downtime.

Innovative design

Dell's current Precision portfolio is our thinnest, lightest and best looking line-up ever. We used premium materials, unique designs and brilliant displays.

Powerful performance

Dell Precision also delivers powerful performance with professional processors and graphics, massive memory and expansive storage options. Dell Precision Optimizer delivers up to 121% improvement in application performance.

Outstanding reliability

Dell invests thousands of hours with Independent Software Vendors (ISV) rigorously testing our Dell Precision workstations so we can deliver a tested, and fully optimized workstation to you. Dell ProSupport Plus is the most complete service and support offering in the industry.

World's most secure and manageable workstations

Dell has industry-leading endpoint security solutions and offers streamline management with free automation tools, faster deployments and lifecycle support.

For more information on Dell Precision Workstations: www.dell.com/precision

Dell Precision mobile workstations

Redesigned to redefine innovation.

Dell Precision 15 & 17 7000 Series (7510 & 7710)

Dell Precision 7000 Series mobile workstations deliver tower-like performance in a form factor that is not only mobile, but one that a person would be proud to carry. Choose from 15.6" and 17.3" PremierColor 4K display options. The 7000 Series supports RAID and up to 4TB storage, and Dell's cooling solution is so advanced, your most processor-intensive applications will benefit from never dropping out of turbo frequencies.



Dell Precision 15 5000 Series (5510)

Visually amazing to look at in every way. The world's first workstation with InfinityEdge display gives you a 15.6" PremierColor 4K viewing area in the size of some 14" notebooks. It also supports up to 2TB SSD storage, and the dual fans keep your workstation cool even during the most demanding tasks. At less than 4lbs, this is our lightest workstation ever.



Dell Precision 15 3000 Series (3510)

Professional performance is within your reach with the Dell Precision 15 3000 Series and its affordable price. The completely redesigned chassis is 26% thinner and 12% lighter than its predecessor making sure that this workstation looks as good as it performs.

Featured on all Dell Precision mobile workstations:

- ISV Certifications and Dell Precision Optimizer
- 6th Generation Intel® Core™ or the world's first Intel® Xeon®⁰¹ processors
- Professional NVIDIA Quadro® or AMD FirePro™ graphics
- Ultra-fast PCIe SSD storage options
- Thunderbolt™ 3² technology
- NEW DDR4 memory

1. Intel® Xeon® processors are not available on the Dell Precision 3000 Series mobile workstation until early 2016

2. Thunderbolt™ 3 technology is not available on the Dell Precision 3000 and 7000 Series mobile workstations until early 2016

Dell Precision fixed workstations

A great mind deserves a great machine.

Dell Precision Rack 7000 Series (R7910)

Experience the highest level of workstation performance for 1:1 or 1:many computing in a sleek 2U Rack design. Dell Precision Rack 7910 is ideal for secure 1:1 remote users or 1:many in a virtualized environment with VMware or Citrix. It features 1 or 2 multi-core processors with up to 18 cores per CPU, up to 4 video cards and optional RAID with up to 8 hard drives.



Dell Precision Tower 7000 Series (7910)

The most powerful, scalable Dell Precision tower ever for ultimate performance and expandability and a revolutionary liquid cooling system. Choose single or dual processors with up to 4 professional graphics cards and optional RAID with up to 8 hard drives.

Dell Precision Tower 7000 Series (7810)

Outstanding performance in a compact tower design with single or dual processors, single or dual professional graphics cards and optional RAID configurations with up to 4 hard drives.



Dell Precision Tower 5000 Series (5810)

Big power in a compact, innovative tower design with powerful processors, single or dual professional graphics cards and optional RAID configurations with up to 4 hard drives.

Dell Precision Tower 3000 Series (3620 & 3420)

Professional performance in an expandable mini-tower or our smallest SFF tower design and the latest technologies including optional Thunderbolt™ 2.

Featured on all Dell Precision Tower workstations:

- ISV Certifications and Dell Precision Optimizer
- Exclusive Dell Intel CAS-W cache acceleration software
- Intel® Core™ or Intel® Xeon®¹ processors
- Professional NVIDIA Quadro® or AMD FirePro™ graphics
- 5000 and 7000 Series Towers smart chassis design with externally accessible hard drives and power supplies and handles for easy deployment

1. Intel® Xeon® processors are not available on the Dell Precision Tower 3000 Series workstations until early 2016

Why Dell Precision workstations

Exclusive technologies and innovation.



World-class ecosystem

Dell has created an extensive ecosystem of products and services, to give you the best experience with Dell Precision workstations. This includes Dell's Deployment and Support Services, #1 monitor brand in the world, wireless accessories and industry-specific software and peripherals



Dell Precision Optimizer

is a pre-loaded software tool that delivers automatic performance optimization against pre-defined profiles for key applications. Delivering up to 121% better application performance, Dell Precision Optimizer automatically adjusts system configurations like CPU, memory, storage, graphics and operating system whenever a supported application is launched. NOW with System Center Configuration Manager (SCCM) Central Management Console integration for remote management.

Reliable Memory Technology Pro

Dell Reliable Memory Technology (RMT) Pro detects hard errors and multi-bit soft errors in a DIMM, maps the defective portion and reports the location. On reboot, RMT Pro removes the error from the visible section of the operating system, enabling users to continue as if the memory defect had never occurred.

Intel® CAS-W

Intel Cache Acceleration Software (CAS-W) provides solid-state-like disk performance at a fraction of the cost. Offered exclusively on the latest Dell Precision tower workstations, Intel CAS-W provides a unique data caching policy that enables users to select the data types to be accelerated, placing 'hot data' on an SSD cache, providing further performance optimization.

Revolutionary thermals

From dual fans, to patent-pending mobile cooling solutions to liquid cooling on the Tower 7910, Dell continues to push the boundaries in thermal technologies. Our Dell Precision workstation cooling solutions give you better performance, longer productivity and peace of mind no matter how hard you and your Dell Precision are working.