



# Dell Precision Workstations

#1 WORKSTATION BRAND IN THE WORLD.



## BRILLIANCE DESERVES PRECISION

Dell Precision delivers versatile designs, top performance & reliability to conquer the industry's most demanding applications. From award-winning filmmakers and animators to architects and engineers our expansive portfolio enables you to customize the workstation for your creative expertise. Learn More at [Dell.com/precision](https://Dell.com/precision).

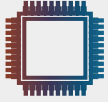
# Why Choose Dell Precision Workstations



## INNOVATIVE DESIGN

Every Dell Precision is engineered with features you need to bring your biggest ideas to life. Experience unrestrained innovation with the new thinner, lighter, premium-designed mobile workstations. Unique designs in multiple form factors deliver ultimate scalability including the only Tier-1 vendor to offer rack workstations.

---



## INTELLIGENT PERFORMANCE

Extraordinary ideas deserve exceptional power, Dell Precision delivers maximum performance with professional processors and graphics featuring Ready for VR options, massive memory and expansive storage options. Dell Precision Optimizer Premium is the only AI-based performance optimizer software in the industry to automatically tune your workstation using machine learning delivering up to 394% 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.

---



## GROUND-BREAKING INNOVATION

Dell Precision workstations are the foundation of virtual and augmented reality content creation and advanced commercial visualization. Our broad Ready for VR portfolio combined with the Dell Technology Partner Program are bringing futuristic efficiency and innovation to every office. Dell Precision workstations also deliver the power to deploy and manage cognitive technology platforms including Machine Learning, Deep Learning and Artificial Intelligence to help businesses solve complex problems and gain actionable insights from their data.

---

### Featured on select Dell Precision Mobile Workstations

- ISV Certifications and Dell Precision Optimizer
- Up to 8<sup>th</sup> Generation Intel<sup>®</sup> Core<sup>™</sup> or Intel<sup>®</sup> Xeon<sup>®</sup> processors
- Professional NVIDIA Quadro<sup>®</sup> or Radeon Pro<sup>™</sup> graphics with Ready for VR options
- Ultra-fast PCIe SSD storage options
- Thunderbolt<sup>™</sup> 3 technology
- DDR4 memory

# Meet the Dell Precision Mobile Workstation Family

POWER AS BIG AS YOUR IDEAS

## Dell Precision 7530 and 7730



The world's most powerful mobile workstations have been redesigned to be thinner, lighter, smaller and Ready for VR combining maximum performance with maximum mobility. First to market with leading technology to handle complex workloads, including AI and machine learning. Extraordinary power for demanding applications with industry-leading memory speeds up to 3200MHz SuperSpeed and the largest memory capacity for a mobile workstation up to 128GB. The Precision 7530 offers superior performance with the largest PCIe SSD storage capacity available for a 15" mobile workstation up to 6TB. DisplayPort 1.4 enables you to work in stunning detail with support for 8K resolution and HDR via a single cable.

## Dell Precision 5530 2-in-1



The world's smallest 15" 2-in-1 mobile workstation delivers the performance you need for rich content creation and editing in a beautiful impossibly thin design. A flexible 360-degree hinge enables multiple modes of interaction, including support for touch and pen. Featuring a next-gen InfinityEdge 4K Ultra HD display you can be confident your work is presented true-to-life in incredible detail. Dell Premium Pen delivers precise pressure sensitivity(4096), tilt functionality and low latency for an experience as close to sketching on paper as possible. New MagLev Keyboard design reduces the thickness of your keyboard without compromising critical keyboard shortcuts in content creation workflows. Ultra-thin GORE™ Thermal Insulation provides thermal conductivity levels lower than air in a thin, flexible format, to keep your system cool while it works hard.

## Dell Precision 5530



Visually amazing to look at in every way, our smallest 15" mobile workstation is available in Platinum Silver or Brushed Onyx. Experience better contrast ratios, touch support and picture quality with New IGZO 4 display options. More powerful than ever with next generation professional graphics up to NVIDIA Quadro® P2000 delivers an intense graphics upgrade packed into an incredibly thin mobile design. Access, transfer and store large 3D, video and multimedia files quickly and easily with up to 4TB of SSD storage, a feat rarely seen on mobile workstations with such a thin and light frame. Accelerate workflows with enhanced 2666MHz memory speeds up to 32GB.

## Dell Precision 3530



The small fully customizable 15" mobile workstation has the power of a workstation at a price comparable to a PC. Enjoy workstation-level performance with 8th Gen Intel® Core™ and Xeon® 6-core processors and memory speeds up to 2666MHz. Keep your performance high with PCIe storage capacity up to 2TB or up to 256GB optional PCIe bootdrive with 2.5" SATA HDD. Create and edit your work in perfect clarity with support for 4K video to an external monitor at 60 frames per second via HDMI 2.0.

# Meet the Dell Precision Fixed Workstation Family

Machines as unique as your brilliance.

---

## Dell Precision 7920 Rack



Experience the highest level of secure remote access and ultimate workstation performance in a sleek 2U Rack industrial design. Featuring 24-hour access for multiple users (1:1), 1 or 2 multi-core processors with up to 28 cores per CPU, Ready for VR professional graphics and optional RAID with up to 8 hard drives.

---

## Dell Precision 7920 Tower



The world's most powerful and first AI-Ready workstation. A versatile split chassis featuring front access FlexBays delivers maximum storage expandability up to 48TB with hot swap access and a revolutionary multichannel thermal cooling. Power through the most demanding application with single or dual multi-core processors, Ready for VR professional graphics and up to 3TB of 2666MHz memory with select processors.

---

## Dell Precision 7820 Tower



Outstanding performance in a compact design with single or dual processors, Ready for VR professional graphics with support for up to 500W of graphics power. Front access FlexBays provide exceptional storage expandability up to 24TB with hot swap access. Experience advanced cooling and acoustics with the revolutionary multichannel thermal design.

---

## Dell Precision 5820 Tower



Big power in a compact, innovative tower design with powerful processors, Ready for VR professional graphics with support for up to 600W of graphics power. FlexBay design supports a range of modules from scalable storage to audio options. Stay cool under pressure with the new revolutionary multichannel thermal design.

# Meet the Dell Precision Fixed Workstation Family

Machines as unique as your brilliance.

## Dell Precision 5720 All-in-One



The world's most powerful and first Ready for VR All-in-One workstation. Enjoy an immersive audio-visual experience with a vivid 27" 4K Ultra HD display paired with an incredible audio solution that delivers superior sound. Featuring the latest professional AMD Radeon™ Pro graphics and the innovative Dell Precision Optimizer and engineered with the extraordinary power you need to bring bold ideas to life.

## Dell Precision Tower 3000 Series (3620 & 3420)



The Dell Precision Tower 3000 Series has the power of a workstation at a price comparable to a PC. Professional performance available in two sizes, an expandable mini-tower or our smallest SFF tower design. Certified to run professional applications and featuring the latest technologies including optional Thunderbolt 2.

### Featured on select Dell Precision Fixed Workstations

- ISV Certifications and Dell Precision Optimizer
- Exclusive Dell Intel CAS-W cache acceleration software
- Intel® Core® or up to the latest Intel® Xeon® processor Scalable family
- Professional Radeon Pro™ or highest performing NVIDIA Quadro® graphics featuring Ready for VR options.
- 5000 and 7000 Series Towers smart chassis design with externally accessible hard drives, power supplies and handles for easy deployment

# Dell Precision Workstations Recommended Accessories

SMART SOLUTIONS TO HELP PROFESSIONAL APPLICATION USERS WORK MORE EFFECTIVELY.



## PRECISION DUAL USB-C THUNDERBOLT DOCK | TB18DC

Incredibly powerful Thunderbolt Dock delivering up to 210W. Leave your power brick at home and plug in one cable for both data and power for your Precision 7530 and 7730 workstations.



## DELL ULTRASHARP 27 4K HDR MONITOR | UP2718Q

View, edit and create stunningly realistic images in HDR10 with Dell's first 27" 4K HDR monitor. Dell PremierColor on this monitor offers everything you need to tackle color-critical jobs - wide color coverage, incredible color depth, accurate color and customizable color parameters.



## DELL PREMIER WIRELESS KEYBOARD AND MOUSE | KM717

Enhance productivity and enjoy its elegant design that will fit into virtually any workspace. For increased productivity you can simultaneously pair up to two compatible devices with Bluetooth LE.



## DELL PORTABLE THUNDERBOLT 3 SSD, 1TB

One of the world's fastest portable SSD storage devices, the Dell Portable Thunderbolt™ 3 SSD 500GB lets you backup or transfer all your large files at lightning fast speeds of 2800 MB/s.



## DELL THUNDERBOLT™ DOCK | TB16

The Dell Business Thunderbolt Dock allows you to connect your mobile workstation to a single data and power source for ultimate display performance and speedy data transfers.



## DELL ULTRASHARP 32 8K MONITOR | UP3218K

Experience realistic images like never before on the award-winning, world's first 31.5" 8K monitor featuring Dell PremierColor.



## DELL CANVAS

Bring your ideas to life with the groundbreaking new workspace tool that uses an intuitive touch screen, pen and totems to enable natural digital creation.



## 3DCONNEXION SPACEMOUSE WIRELESS

3Dconnexion's patented 6-Degrees-of-Freedom (6DoF) sensor is specifically designed to manipulate digital content or camera positions in the industry-leading CAD applications. Simply push, pull, twist or tilt the 3Dconnexion controller cap to intuitively pan, zoom and rotate your 3D drawing.



## X-RITE COLORIMETER i1DISPLAY PRO

The i1Display Pro ensures a perfectly calibrated and profiled display while delivering the speed, options and flexibility needed to maintain color accuracy.

# Built for business



## SECURE

Only Dell provides innovative data security solutions that meet security challenges and business concerns head-on to protect your most critical and at-risk asset, your data. With Dell Data Security solutions, end users can work where and how they want knowing that data is protected.

- Dell Data Guardian protects data where ever it goes.
- Dell Endpoint Security Suite, powered by Cylance, stops up to 99% of malware.



## MANAGEABLE

Part of the world's most manageable line of commercial PCs featuring the free Dell Client Command Suite toolkit for flexible and automated BIOS and system configurations. Optional vPro extensions allow for out-of-band systems management.



## RELIABLE

Precision Workstations are Independent Software Vendor (ISV) certified to ensure the high-performance applications you rely on every day run smoothly. In addition Dell commercial PCs have the lowest reported failure rate.