

PRECISION WORKSTATIONS

The #1 workstation
brand in the world¹



TABLE OF CONTENTS

25 Years of Precision	2
Why Choose	
Precision Workstations	3–5
Dell Optimizer for Precision	6
Precision User Persona	
–Meet the Specialist	7
Industry Use Cases	8
Precision Mobile	
Workstations, Desktops,	
Towers, and Racks	9–15
Sustainability	16
Important Information	17

PRECISION

Brilliance deserves Precision



For 25 years, Dell Precision has delivered versatile designs, top performance, and reliability to enable you to conquer your most demanding applications. From award-winning filmmakers and animators to state-of-the-art architects and engineers, to data scientists and VR developers, our expansive portfolio enables you to customize a workstation for your creative expertise.



PRECISION

Why choose Dell Precision Workstations?

Every Dell Precision is engineered with features you need to bring your biggest ideas to life.



Innovative design

Experience unrestrained innovation with the new thinner, lighter, premium-designed mobile workstations. These devices feature InfinityEdge, UHD+, HDR, and Touch display options, plus advanced thermal technologies that allow you to keep your system running at high speeds for longer. Unique designs in multiple form factors deliver ultimate scalability, including rack workstations, small form factors, and mini-tower workstations. Additionally, select towers have FlexBays for easy part replacements, as well as multi-channel advanced cooling for outstanding acoustics and thermal performance.



Key design technologies

Intelligent performance

Your extraordinary ideas deserve the exceptional power of the number one workstations in the world¹. Dell Precision delivers maximum performance with professional processors and graphics, as well as massive memory and expansive storage options. Plus, Dell Optimizer for Precision is the only AI-based performance software in the industry that automatically tunes your workstation using machine learning—further delivering optimal performance.



Key performance technologies



PRECISION

Why choose Dell Precision Workstations?

Every Dell Precision is engineered with features you need to bring your biggest ideas to life.

Outstanding reliability

Dell invests thousands of hours with Independent Software Vendors (ISV) to rigorously test our Dell Precision workstations so we can deliver a fully optimized workstation to you. These software partners team with us and our customers to ensure the best user experience possible. Learn more about ISV Certifications at [PrecisionWorkstations.com](https://www.dell.com/precisionworkstations).

Dell exclusive, BIOS-based, Reliable Memory Technology Pro provides Error Corrective Code (ECC) memory, which automatically fixes single-bit memory errors. RMT Pro identifies and maps out bad memory sectors on the

DIMM so they aren't accessed again following a reboot, which helps avoid memory errors and blue screens. The software also warns the user when DIMMs are at a critical point to failure and should be replaced.

Our mobile systems are MIL-SPEC tested to ensure they are robust and can handle typical wear and tear that comes with traveling. Also, Dell ProSupport Plus is the most complete service and support offering in the industry, so you can have both quality products and the ultimate services to go along with them.



Key technologies



PRECISION

Security

We know security is important to you, and Dell Precision workstations feature key security features across the portfolio, whether in the office, on the road, or somewhere in between.

+ Key technologies on select systems



Driving Emerging Technologies

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.



PRECISION

Dell Optimizer for Precision



ExpressResponse

Uses AI to optimize application performance.



ExpressConnect

Finds the best two WiFi signals and the connection with the most available bandwidth.



ExpressSign-in

Utilizes presence-sensing technology to recognize when you're near and automatically wakes your system.



Intelligent audio

Automatically tunes your system by adjusting background noise and managing speech volume.



ExpressCharge

Provides 35% charge in about 15 minutes or 80% in one hour.



ExpressDischarge

Intelligent battery run-time extensions.



Exclusive for Precision workstations

Now available **Optimization for storage-heavy apps**

Provides optimized performance for applications that handle large file types.



Now available **Reporting and analytics**

Helps with identifying performance bottlenecks and IT planning.

PRECISION

Performance vital for variety

From 3D animation to financial analytics, Dell Precision workstations are purpose-built to power industry leaders across a wide variety of professional landscapes. Explore our industries below to find out how you can leverage Precision workstations to support your workflow.



Media and entertainment

Become an expert at your digital content workflow with a Precision partnered with Adobe, Avid, Autodesk, and many other media ISVs.



Manufacturing and engineering

Quickly bring products to market, improve design, and reduce prototypes with Autodesk, Dassault Systems, ANSYS, and other software powered by Precision.



Healthcare and life sciences

Maneuver telemedicine, EMR systems, and PACS images through partnerships with GE Healthcare, Barco, Cerner, and Epic.



Oil and gas

Complex workflow models and big data analytics are no match for workstation-class power combined with Halliburton, Schlumberger, and IHS Markit support.



Government and education

Take designs, data analytics, and creative masterpieces to the next level with Dell Precision.



Economics and financial services

Dell Precision workstations power trading floors, financial analysis, and banking through partnerships with financial institutions and ISVs.

USER PERSONAS

Meet the Specialist

At Dell Technologies, we have redefined our commercial end-user personas to address the unique work styles and pain points of the hybrid workforce. We've eliminated the guesswork from choosing the right tools for the job with thoughtfully curated solutions tailored to each end user's needs.

Precision workstations are designed for Specialists—those in specialized and complex fields, performing analyses and detailed work. They need top performance and security options for desk productivity with the ability to work anywhere.

Specialists: motivation

Produce expert level deliverables
...
Get a sense of satisfaction and pride in seeing their projects drive outcomes
...
Are excited by the challenge to solve complex problems and deliver unique solutions

Specialists: challenges

Face challenges when setting up devices across different workspaces
...
Need to collaborate and be connected regardless of where they are
...
Work best in a clean and efficient workspace
...
Are regularly managing connectivity and power



2x

more performance applications used (compared to other personas)

15%
of the workforce

43%
work from home



PRECISION 3000 SERIES MOBILE WORKSTATIONS

Level up your technology to match your skills with affordable workstation performance and reliability in a thin and light package. Essential for design, creative, web design, financial analysis, and Microsoft power-users.

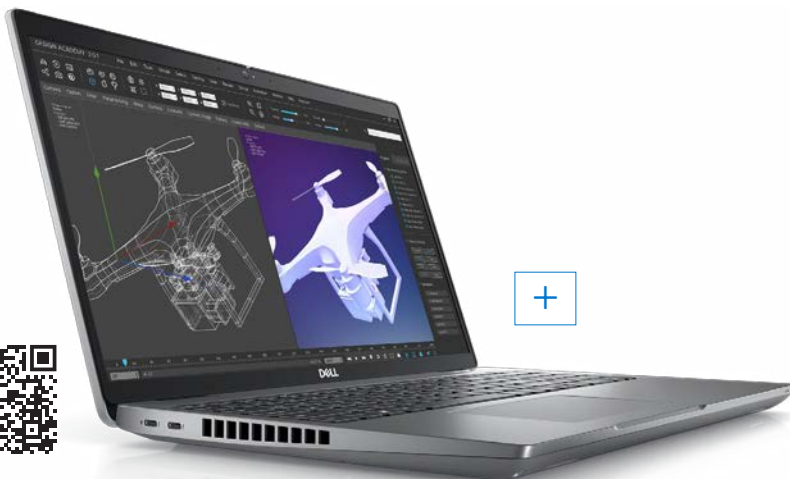


Precision 3470

Small, thin and powerful. Featuring a 14" entry-level workstation that is great for Microsoft Office power users, collaboration tools like TEAMS and Zoom, as well as students and professionals running light 2D/entry 3D CAD applications.

Precision 3570

The 3570 is a thin and light, cost-effective workstation. This entry-level workstation is designed with up to 28% recycled or renewable materials in the LCD coverlid, bringing sustainability to the forefront while giving 2D CAD and power users a sleek-looking design.



Precision 3571

Our best price for performance workstation³. Like the 3570, it provides sustainability features, along with a sleek design. But, the performance of this system takes it a notch up, delivering essential performance to 3D CAD, as well as creative applications.



DELL PRECISION MOBILE WORKSTATION FAMILY

PRECISION 5000 SERIES MOBILE WORKSTATIONS

Stay in your creative zone with enhanced performance workstations designed to impress with a combination of style and capability. Perfect for users on-the-go with a light but robust design, these devices are intended for design, creative, and other mainstream applications.



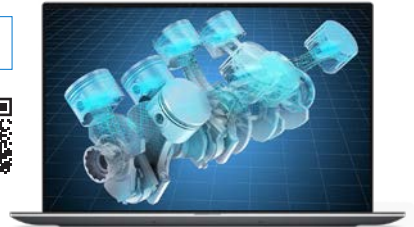
Precision 5470

The world's most powerful 14" mobile workstation is also our smallest and lightest workstation⁴. It packs a tremendous punch in a small form factor, featuring a 45W processor and professional graphics from Intel and NVIDIA.



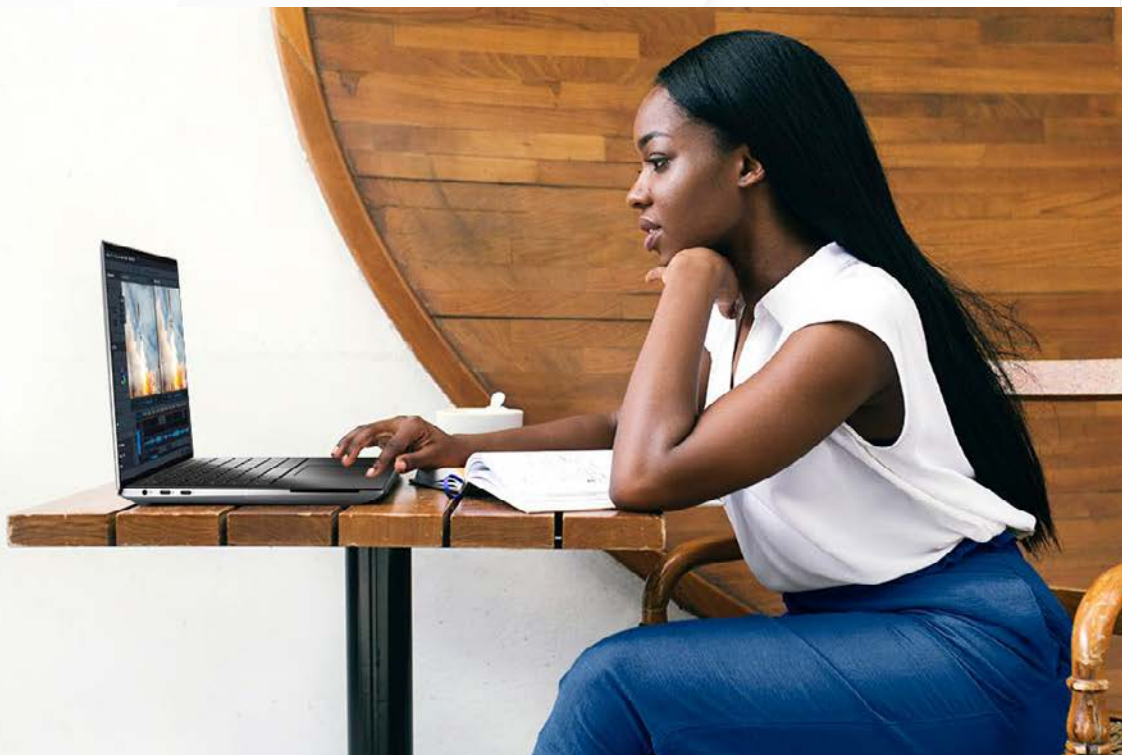
Precision 5570

A stylish, thin, and light 15" workstation that delivers outstanding performance in a small package. Great for creative and design personnel who need to take their work on the road.



Precision 5770

Dell's thinnest and smallest 17" workstation³ is engineered to excel and designed to impress. The InfinityEdge HDR display provides for massive real estate that gives a truly immersive feel.



PRECISION 7000 SERIES MOBILE WORKSTATIONS

Put power behind your purpose with ultra-scalable mobile performance and reliability to power massive data sets, design simulations and analysis, rendering, and even VR and AI initiatives. These devices are perfect for energy, healthcare, engineering, and creative applications.

Precision 7670

Our most powerful 16" mobile workstation³ is designed to deliver desktop-like performance in an easy-to-carry workstation. This system is customized with either a thin or performance chassis, based on your performance requirements.



Precision 7770

Our most powerful mobile workstation³ is ready for VR and AI. If you're looking to maximize the performance of your applications while taking them on the road or to the home office, this is the right workstation for you. It features a large 17" display, which is great for applications with lots of detail.

3000 SERIES DESKTOPS, TOWER AND RACK

Take your ideas to new places with a workstation that matches your skills but doesn't break the bank. Available in compact, small form factor, and a tower design, they are great for space-constrained workspaces. These workstations are optimal for financial, design, creative applications, and many more.

Precision 3260 Compact

The 3260 Compact is an ultra-small form factor workstation designed for tight workspaces and edge computing. This small but powerful system is capable of pushing up to (7) 4K displays (also 8K support) and is VR Ready. Multiple mounting options plus dust and wire covers provide the flexibility to place this device almost anywhere.



Precision 3460 SFF

Incredible performance and reliability are packed into a small form factor workstation, making it great for space-constrained workspaces and the Edge. Several desk mounting options, as well as rack mounting, helps keep your workspace clutter-free.

3000 SERIES DESKTOPS, TOWER AND RACK

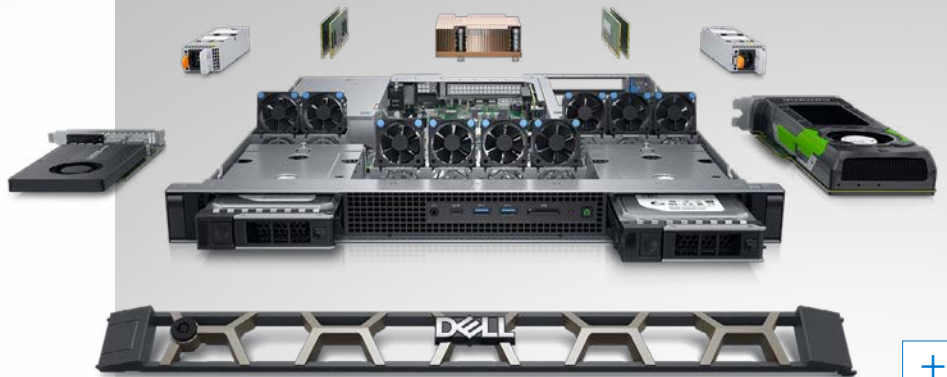


Precision 3660 Tower

Exceptional scalability in a Tower design, with performance capable of pushing VR and AI workloads. The 3660 Tower has an all-new chassis and offers Liquid Cooling to run heavy workloads with minimal noise. The 3660 also introduces front-accessible bays provide convenient and secure removable storage options.

Precision 3930 Rack

A powerful 1U rack workstation that features secure remote 1:1 user access, impressive affordability, and workstation-class performance. A short-depth and narrow design deliver better rack density and a smaller footprint that is ideal for space-limited workspaces and will seamlessly integrate into your data center while allowing for direct assimilation within OEM solutions.



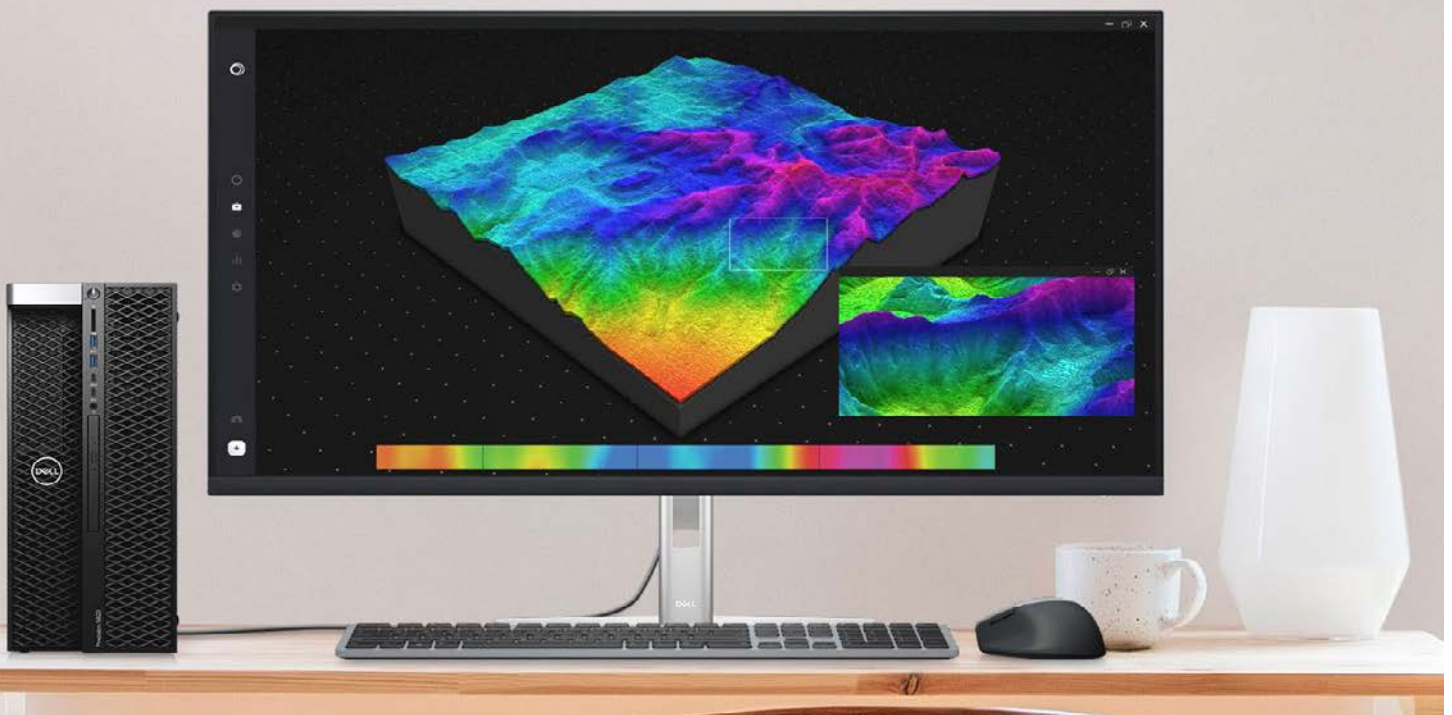
DELL PRECISION FIXED WORKSTATION FAMILY

5000 SERIES TOWER

Keep pace with your stream of thought with a mid-stream tower designed to deliver amazing performance for power-hungry applications. VR, AI-ready, and Data Science versions available.

Precision 5820 Tower

Experience big power in an innovative tower design with powerful processors. The 5820 Tower is ideal for professional users working with graphics and data-intensive design applications that require higher core counts and high-end graphics support in a single socket architecture. The tool-less chassis with FlexBay design supports a range of modules including scalable storage. Plus, stay cool under pressure with the revolutionary multichannel thermal design.



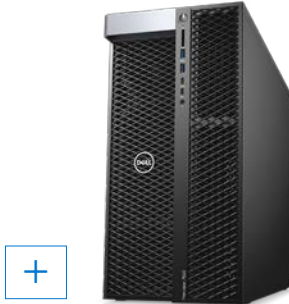
7000 SERIES TOWER AND RACK

Maximize your productivity with our most scalable workstations available. Featuring mid-size and full tower designs, as well as a 2U rack workstation, these devices are great for almost any data or graphic-intensive application.



Precision 7865 Tower

Power your productivity with the amazing 7865 Tower, which is ideal for engineers, designers, analysts, and data scientists whose application mix includes multi-threaded, computer-intensive analysis, simulation, and rendering applications requiring high CPU core counts. Features the AMD Ryzen Threadripper™ PRO (280W) processor, with between 12-64 Cores; up to two NVIDIA or AMD Pro 300W graphics and 56TB of RAID capable storage.



Precision 7920 Tower

Our most powerful and scalable tower workstation³. The 7920 Tower is great for customers who are running complex application environments including interactive design, analysis, data science, and exploration of very large data sets, as well as emerging applications/workloads like artificial intelligence and xReality. A versatile split chassis design features tool-less front access FlexBays and delivers maximum storage expandability.



Precision 7920 Rack

Experience the highest level of secure remote access and ultimate workstation performance in a 2U rack industrial design. Plus, the Integrated Dell Remote Access Controller (iDRAC) allows you to deploy, update, monitor, and maintain remote workstations with ease. Collaborate across your organization, while keeping your IP in the data center.

SUSTAINABILITY ON

PRECISION WORKSTATIONS

Dell Precision fixed and mobile workstations are designed with the environment in mind, using sustainable materials in our products and packaging wherever possible.



1st

Workstations made with reclaimed carbon fiber and renewable bioplastic¹.

Up to 61%

Recycled plastic in fixed workstations and up to 21% in mobile workstations². Ocean-bound plastic is also used in the components of select Precisions³.

100%

Precision mobile workstations ship in packaging made from 100% recycled or renewable materials and is 100% recyclable⁴.

Ecolabels

35+

EPEAT registered products



EPEAT

8.0

ENERGY STAR 8.0 throughout



ENERGY STAR®

¹ Based on internal analysis, January 2021. 21% bioplastics in the LCD cover lid.

² Based on internal analysis, April 2022

³ Ocean-bound plastic used in the fan and fan housing (13%) on Precision 3260 CFF and the fan housing (28%) on Precision mobile workstations 3570 & 3571

⁴ New packaging is made with up to 95% recycled content and up to 22% renewable content in the form of FSC paper fibers. Material make up varies by product and size. Excludes optional items added to order and included in box. Paper packaging materials can be recycled via municipal recycling, where available. System bag is made from recycled plastic and can be recycled along with other thin plastics.

1 Source: IDC Quarterly WW Workstation Industry Share Tracker, Q4 2021 (based on units)

2 Based on Dell analysis, Jan 2021. 21% bioplastics in LCD coverlid.

3 Based on Dell analysis, February 2022

4 Based on 14" workstation models in market, which offer only 15W processors, compared to the 45W on Precision 5470, February 2022.



Reach out to our Connection Enterprise Account Team, so we can help you identify the best combination of Dell products and services to meet your needs.
1.800.369.1047 ■ www.connection.com/Dell

