



# Supercharged performance

Dell 16 Premium | **DA16250**

Unleash the power to create without limits. Our most advanced Dell Premium laptop is engineered to supercharge your most demanding projects.



# Dell Premium

Dell Premium products represent the ultimate in mobility and design within the Dell brand, which are laptops designed for play, school and work. Dell Premium laptops continue the legacy of XPS and are designed to be the best, with cutting-edge technologies, exceptional build quality, unique materials and powerful features. This combination ultimately results in beautifully crafted products with strong performance.

## Premium Design

Expertly crafted of premium materials like machined aluminum and glass Dell Premium laptops combine elegance and durability to create a laptop that's as beautiful as it is resilient.

## Innovation

Innovation starts with Dell Premium, where cutting-edge display technologies like InfinityEdge and advanced thermal designs deliver sleek form factors, exceptional performance, and unmatched user experiences.

## Ultimate mobility

Dell Premium laptops are sleek, lightweight, and built for life on the go, offering unmatched portability and the longest battery life of any Dell laptop to power your ideas anytime, anywhere.

# The next chapter – what's new –

- New branding and logo
- Intel® Core™ Ultra (Series 2) H45
- New NVIDIA RTX 50-series graphics
- Faster memory up to 8400 MT/s
- Up to 120Hz VRR on 4K OLED
- 3x faster micro-SD (7.1)
- SED ready SSDs
- Thunderbolt™ 5 with RTX 5070 (post launch)
- Energy Star 9.0



## Performance improvements over XPS 16

- Up to 18% faster for daily work\*
- Up to 12% faster performance in lightweight 3D and creative apps\*
- Up to 18% better graphics performance in advanced ray-tracing and visual effects with the RTX™ 5060.\*
- Up to 13% faster at demanding tasks like video editing and photo batch processing\*
- Up to 2.36x boost in AI throughput – powering faster effects, smarter masking, and enhanced image refinement\*

FEATURE	TECHNICAL SPECIFICATION	FEATURE	TECHNICAL SPECIFICATION
<b>MODEL NUMBER</b>	DA16250	<b>CONSTRUCTION</b>	CNC machined aluminum with Corning Gorilla Glass 3 palm rest in graphite or platinum Corning Gorilla Glass Victus on OLED cover glass
<b>PROCESSOR OPTIONS</b>	Intel® Core™ Ultra 7 Processor 255H (16-Core, 24MB Cache, up to 5.1 GHz) Intel® Core™ Ultra 7 Processor 265H (16-Core, 24MB Cache, up to 5.3 GHz) Intel® Core™ Ultra 9 Processor 285H (16-core, 24MB Cache, up to 5.4 GHz)	<b>DIMENSIONS AND WEIGHTS</b>	Height: 18.7 mm (0.74") Width: 358.1 mm (14.1") Depth: 240.0mm (9.4") Starting weight*: 2.06kg (4.56lbs.) for 2K LCD and UMA; 2.11kg (4.65lbs) for 4K OLED and UMA
<b>NEURAL PROCESSOR</b>	Intel® AI Boost NPU, 13 TOPs	<b>AC ADAPTER</b>	130W AC adapter (USB Type-C™)
<b>OPERATING SYSTEM</b>	Microsoft® Windows® 11 Home 64-bit Microsoft® Windows® 11 Pro 64-bit	<b>PORTS AND SLOTS</b>	3x Thunderbolt™ 4 (USB Type-C™) with DisplayPort 2.1 and Power Delivery* with Intel, NVIDIA 5050 & 5060  3x Thunderbolt™ 5 (USB Type-C™) with DisplayPort 2.1 and Power Delivery* with NVIDIA 5070 (post launch)  microSDXC card reader v7.1 UHS-I/UHS-II Universal audio jack
<b>MEMORY OPTIONS*</b>	16GB LPDDR5x Dual Channel at 7467 MT/s 32GB LPDDR5x Dual Channel at 7467 MT/s 64GB LPDDR5x Dual Channel at 7467 MT/s 32GB LPDDR5x Dual Channel at 8400 MT/s (post launch) 64GB LPDDR5x Dual Channel at 8400 MT/s (post launch) Note: 8400 MT/s with 5070 graphics only / 7467 MT/s with UMA, 5050 or 5060 graphics	<b>INPUTS</b>	2 Digital Array Microphones Touch Display (optional) Full size, backlit, zero-lattice keyboard; 1.0mm travel Seamless glass haptic touchpad Capacitive touch function row Ambient Light Sensor for display & keyboard backlight control
<b>STORAGE OPTIONS*</b>	512GB PCIe 4 SSD, 1TB PCIe 4 SSD, 2TB PCIe 4 SSD (SED ready), 4TB PCIe 4 SSD (SED ready)	<b>CAMERA</b>	FHD (1080p) webcam Windows Hello compliant, Express Sign-In, Intel IPU6
<b>GRAPHICS</b>	Intel® Arc™ 140T GPU (post launch) NVIDIA® GeForce RTX™ 5050 Laptop GPU 8GB GDDR7 (45W) (post launch) NVIDIA® GeForce RTX™ 5060 Laptop GPU 8GB GDDR7 (45W) NVIDIA® GeForce RTX™ 5070 Laptop GPU 8GB GDDR7 (55W) (post launch)	<b>SECURITY</b>	TPM 2.0 FIPS 140-2 Certified TCG Certified Windows Hello compliant fingerprint reader in power button & Windows Hello camera in upper bezel Dell Support Assist for Home PCs
		<b>ADDITIONAL SOFTWARE SECURITY FEATURES</b>	Compatible with Absolute software Compatible with CrowdStrike software
<b>DISPLAY</b>	16.3-inch 2K (1920 x 1200) InfinityEdge non-touch display, 500-nits typical brightness, 100% sRGB, 2000:1 contrast ratio, 176° wide viewing angle +/- 88° / 88° / 88° / 88°, 30-120Hz, Dolby Vision™, Eyesafe® technology, anti-glare  16.3-inch 4K (3840 x 2400) OLED InfinityEdge touch 400-nits typical brightness, 100% DCI-P3 color gamut, VESA DisplayHDR 500, 1,000,000:1 contrast ratio, 178° wide viewing angle +/- 89° / 89° / 89° / 89°, 48-120Hz, Dolby Vision™, Eyesafe® technology, anti-reflective, anti-smudge	<b>AUDIO AND SPEAKERS</b>	Studio quality tuning with Waves MaxxAudio® Pro and Waves Nx® 3D audio Quad-speaker design with 3W Main x 2 Channel + 2W Tweeter x 2 Channel; 10W total peak output Universal audio jack featuring Waves Nx® 3D audio with head tracking Dual microphone array optimized with Intelligo High Fidelity Audio Dolby Atmos
<b>WIRELESS</b>	Intel® Killer™ Wi-Fi 7* BE201 2x2 + Bluetooth 5.4 Wireless Card	<b>SUSTAINABILITY</b>	75% recycled aluminum in the top cover, 25% low emissions aluminum in the palm rest* Up to 21.5% recycled glass* 18.5% recycled plastics Ships in 100% recyclable packaging made from 100% recycled or renewable content.*
<b>BATTERY</b>	99.5Whr battery (integrated) ExpressCharge 1.0	<b>REGULATORY AND ENVIRONMENTAL COMPLIANCE</b>	Regulatory Model: P129F Regulatory Type: P129F001 ENERGY STAR 9.0 EPEAT 2018 Gold registered with Climate+ designation. For specific country participation and rating, please see www.epeat.net : Will be published on EPEAT website by RTS. Hg-Free/Arsenic-Free BFR/PVC free (not including PSU)
<b>MANAGEABILITY</b>	Windows Autopilot	<b>WARRANTY AND SERVICE</b>	1 year of Dell Care Plus standard; Optional hardware warranty extensions up to 4 years, Dell Care Premium also available.



**Faster performance**

**Intel® Core™ Ultra Series 2**

Take mobile performance, graphics, and AI-powered experiences\* to all-new levels. Intel® Core™ Ultra processors (Series 2).

**Three powerful AI engines – CPU, GPU, NPU**

Dedicated AI accelerators provide intelligent performance across gaming, creation and streaming apps where AI capabilities are possible.

**NVIDIA® GeForce RTX™ 50 Series**

Powered by NVIDIA® Blackwell, GeForce RTX™ 50 Series Laptop GPUs bring game-changing AI capabilities to gamers and creators. Multiply performance with NVIDIA DLSS 4 and generate images at unprecedented speed.

**WiFi 7**

Delivers seamless buffer and lag-free online experiences with 4.8x faster throughput\*, lower latency and greater capacity.

**Long run time**

Get up to 27 hours of Netflix streaming on 2K LCD\* or up to 9 hours with 4K OLED\*.



**Thermal innovation**

Innovative thermal design enables powerful performance in a thin and light design, while keeping your laptop cool and quiet.

**Maximum airflow, minimum noise**

Our fans redefine cooling performance with Liquid Crystal Polymer blades and a unique housing shape boosts airflow and cooling efficiency.

**Enhanced thermal conductivity**

Strategically placed graphite sheets dissipate heat by rapidly transferring (heat/warm air/thermal energy) away from sensitive components. This stabilizes the system, prevents throttling and ensures smooth, reliable performance.

**Rapid heat dissipation**

The advanced Vapor Chamber efficiently dissipates heat away from critical components, preventing hot spots and keeping your laptop cooler for peak, long-lasting performance.



**A creator's canvas**

Whether it's cinematic OLED or power-saving 2K, our InfinityEdge displays are designed to impress.

**Stunning OLED**

Choose an OLED option for enhanced brightness for clearer, more vibrant images with wider color range.

**Sharp detail**

Enjoy crisp content and fine detail with razor-sharp clarity with 4k resolution at 260 PPI on the 16.3-inch display.

**Rich, accurate color**

100% DCI-P3 color coverage, your work appears exactly as intended – rich, accurate, and incredibly vibrant.

**Sustainably designed**

**Low-carbon + recycled aluminum**

Designed with an innovative combination of recycled and low emissions aluminum\* and post-consumer recycled plastics,\* which helps lower the carbon footprint of the laptop\*.

**Sustainable packaging**

Ships in 100% recycled or renewable packaging.\*



**Sleek, iconic design**

**Premium materials and craftsmanship**

Expertly crafted with machined aluminum and Gorilla® Glass 3 to be strong, durable and solid. An elegant, minimalist design available in both Platinum or Graphite with tone-on-tone finishes.

**Innovative interiors**

Switch tasks effortlessly with modern, easy-to-use interiors that deliver a clean, harmonious look.



**Equipped for business**

Offering a blend of security, manageability, comprehensive support and premium hardware features, Dell Premium laptops are ready for professional use.

**Proven reliability**

Built to withstand the rigors of daily business use. Enjoy peace-of-mind with Dell's high standards including MIL-STD testing for added reliability and durability.

**Security**

Dell Premium features "built-with" and "built-in" security\* to help reduce the attack surface of your fleet and improve long-term cyber resilience.



# Supercharged performance



### Up to 80W of sustained performance

Powered by up to Intel® Core™ Ultra 9 processors, plus NVIDIA RTX™ 50 series graphics, the Dell 16 Premium is our most powerful Dell Premium laptop.

### NVIDIA RTX™ 50 Series graphics

Powered by NVIDIA® Blackwell, GeForce RTX™ 50 Series Laptop GPUs bring game-changing AI capabilities to gamers and creators. Multiply performance with NVIDIA DLSS 4 and generate images at unprecedented speed.

### Lightning-fast memory and storage

Superfast LPDDR5x memory is faster\* than before. That means more data can get through faster, so you aren't slowed down and can multi-task with ease.

Storage up to 4TB\* that's also super fast allows you to store all your files on your laptop and take them with you and access them quickly.

### Intel® Core™ Ultra (Series 2)

Take mobile performance, graphics and AI-powered experiences\* to all-new levels. Intel® Core™ Ultra processors (Series 2) with built-in Intel® Arc™ graphics set a new standard for creativity, productivity and gaming on the go with the ultimate balance of performance, battery life and security.

### Further With AI, Faster on RTX

Supercharge your content creation with over 100 AI-enabled and RTX accelerated creative apps—including the Adobe Creative Cloud suite, Blender, and more.

### WiFi 7\*

4.8x faster throughput\*, lower latency and greater capacity than WiFi 6. No more struggling with constant buffering, lag, or congestion. Share files in seconds vs. minutes.

### Unlock the power of AI

With CPU, GPU and additional AI engine, unlock new AI experiences to boost your productivity. Enjoy more AI-accelerated experiences\*, while enabling performance optimization and power savings resulting from putting the right workload on the right engine.

GPU	TGP
NVIDIA® GeForce RTX™ 5050	Optimized mode: 45W Performance mode: 45W
NVIDIA® GeForce RTX™ 5060	Optimized mode: 45W Performance mode: 45W
NVIDIA® GeForce RTX™ 5070	Optimized mode: 50W Performance mode: 55W

# Advanced thermal design



## Maximum airflow, minimum noise

Our fans redefine cooling performance with Liquid Crystal Polymer blades, and a unique housing shape boosts airflow and cooling efficiency. The form factor allows for larger impellers and higher fan speeds without adding noise.

## Superior insulation

Gore Aerogel, an incredibly lightweight and highly insulating material, minimizes heat transfer to the outside of the laptop, keeping your laptop cooler to the touch.

## Enhanced thermal conductivity

Strategically placed graphite sheets dissipate heat by rapidly transferring thermal energy away from sensitive components. This stabilizes the system and ensures smooth, reliable performance.

## Rapid heat dissipation

The advanced vapor chamber efficiently dissipates heat away from critical components, preventing hot spots and keeping your laptop cooler for peak, long-lasting performance.

## Personalized performance

You can adjust your settings for maximum battery life, highest performance or the best balance of both. Easily customize your laptop's performance between four different modes: optimized, performance, cool and quiet modes, so your laptop runs how you want.

# Stunning display



Whether it's cinematic OLED or power-saving 2K, our InfinityEdge displays are designed to impress. Choose an OLED option for enhanced brightness for clearer, more vibrant images with a wider color range. Or choose up to 18 hours more run time with our standard 2K display.

## 16.3-inch InfinityEdge display

Pioneered by XPS, and continuing with Dell Premium, the InfinityEdge display enables a beautiful edge-to-edge view and a smaller form factor.

## 100% DCI-P3 color

More vibrant color. A greater range of colors (up to 26%) than sRGB. So, when you are creating, you'll access that greater range of color for more accuracy.

## OLED option

Choose an OLED display for enhanced brightness for clearer, more vibrant images with wider color range.

9.2 million individually lit pixels turn off completely for black, so dark areas are true black, enhancing dark scenes in movies. Color pops against that backdrop with wide color gamut making your photos and videos stand out. Perfect black provides phenomenal contrast ratio (1,000,000:1) so content comes alive with breathtaking detail especially in dark areas.

## Up to 4K (3840x2400)

See precise detail and crisp, sharp images when viewing and editing so you don't have to zoom in (260 PPI).

## Eyesafe® Technology

Reduces harmful blue light and optimizes eye comfort without distorting color.

## Up to 120Hz Variable refresh rate

Dynamically adjusts based on the frame rate of content you are viewing.

Moving content is smoother and feels snappier, even when browsing the web. Improves your battery life when viewing static content like images or web pages.



# Sleek, iconic design

## Premium materials. Precision crafted.

Dell Premium laptops are precision crafted out of premium materials like CNC machined aluminum and Gorilla® Glass 3. The construction is strong and durable, delivering a powerful, light, no-compromise product.

## Minimalist design

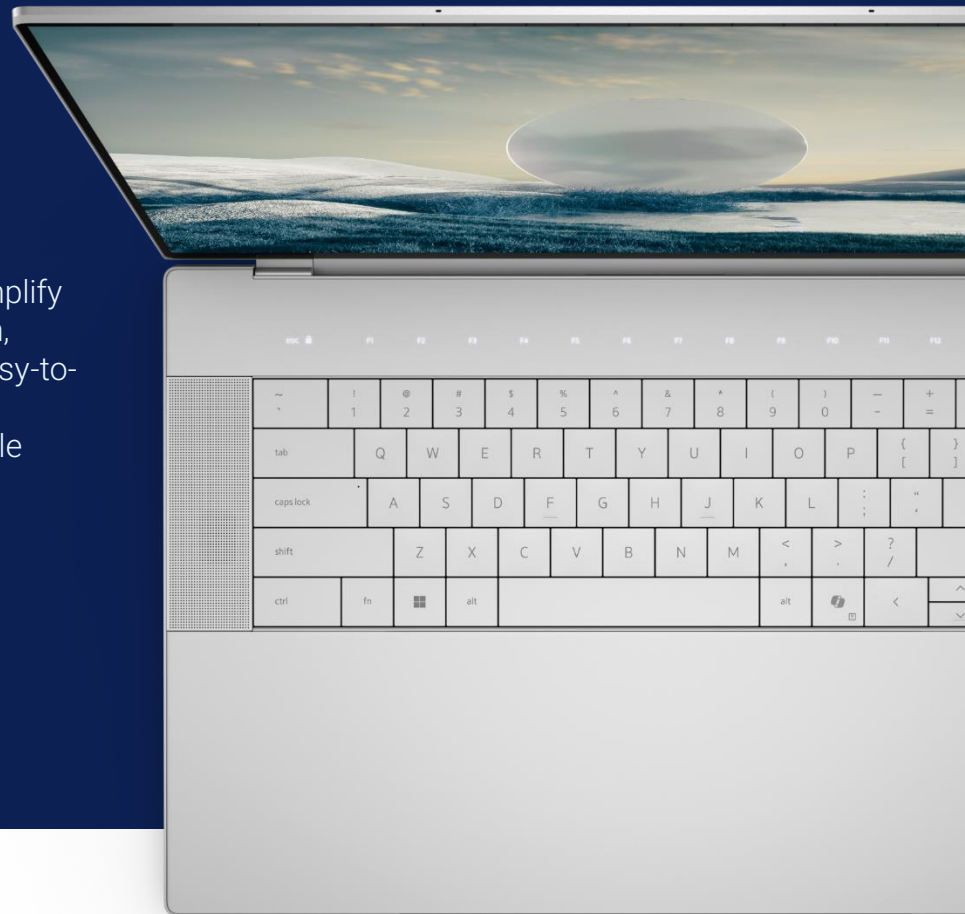
Processes and finishes are simplified. We removed superfluous steps, reduced finishes, and materials – and elevated the ones that remain. A finer bead blast is used to create a silky-smooth feel.

## Light or dark

Choose between either Platinum or Graphite. The interior and exteriors are a tone-on-tone match, so the color is consistent.

# Innovative interiors

Modern, edge-to-edge interfaces simplify the overall design and deliver a clean, harmonious surface. Interiors are easy-to-use, comfortable and innovative. Enhanced interactive elements enable faster interactions, so users can maneuver around with ease.



## Seamless glass touchpad

Sleek glass across the entire palm rest simplifies, unifies, and elevates the interior design. Finish is cleaner, smoother, and friendlier to the touch.

The active touchpad area stretches from the Windows key to the back arrow key. With force pad haptics, a series of small, actuated motors provide precise, responsive feedback anywhere you click on the touchpad.

## Touch function row

Capacitive feedback provides a touch experience and allows users to toggle between media and function keys with ease, bringing forward only the icons they care about.

Easily switch between what is displayed by hitting the function + escape buttons.

Additionally, since it's not a physical row of keys, it also gives more room for the thermal solution.

For this generation, we have introduced software updates that improve the touch function row experience. These optimizations strike a better balance between responsiveness and control—reducing accidental touches while maintaining smooth, intentional interactions.

## Comfortable keyboard

Designed with larger keycaps and a deeper dish (0.3mm), it's ideal for a touch typist.

Designed to be touch-friendly with no space between the keys. Fast, efficient, and comfortable with every keystroke, so you can type with ease.

A Windows Copilot key makes it easier to get things done with Copilot in Windows – all with the press of a key.

We've made a series of thoughtful updates to improve the keyboard backlight experience based on user feedback. These changes help give users more control and clarity—no matter the lighting conditions.

We optimized the ambient light sensor to better detect lighting conditions—especially in tricky environments with overhead lighting. We also adjusted behavior during startup to prevent unnecessary backlighting in bright settings.

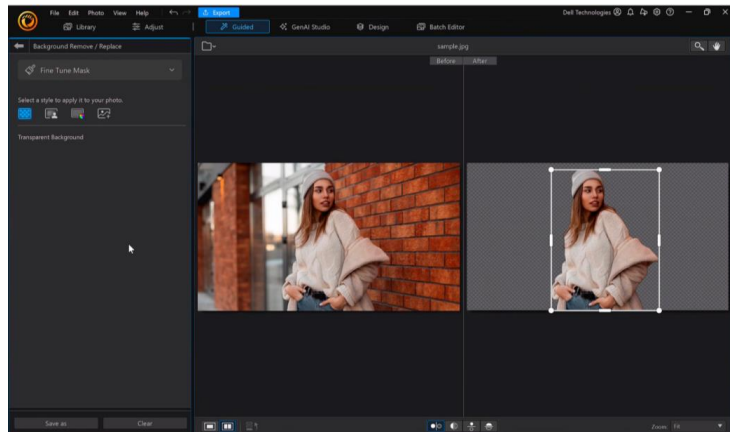
Finally, we are educating customers with a quick-start inert and a how-to video showing how to manually control the backlight or use the default auto mode.

# Do more with AI

Unlock AI-accelerated experiences like creating images or music from text or dramatically improving photos and videos in a few clicks, while maintaining privacy and keeping your data local. With more than 100 possible AI experiences, your favorite AI accelerated software runs best on Intel. Laptops powered by Intel® Core Ultra processors offer the productivity and power of AI without the worry of performance lag and battery drain. Intel has worked with ISVs on developing their applications to write their workloads for particular engines to optimize the over all experience and function.

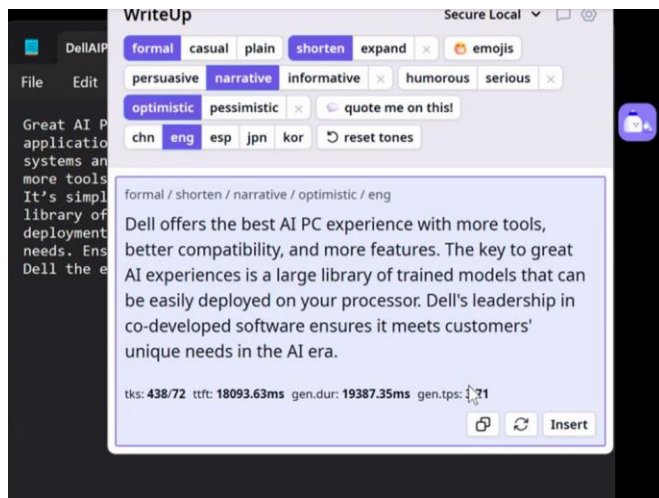
## Create your vision

Cyberlink provides a suite of photo and video editing tools that bring advanced features to everyday users. With Cyberlink's PowerDirector's AI video editing, enjoy up to 2.5x longer battery life\* for uninterrupted, on-the-go editing. Create stunning visuals with effects like Shadow and Glow, and easily remove backgrounds for impactful results.



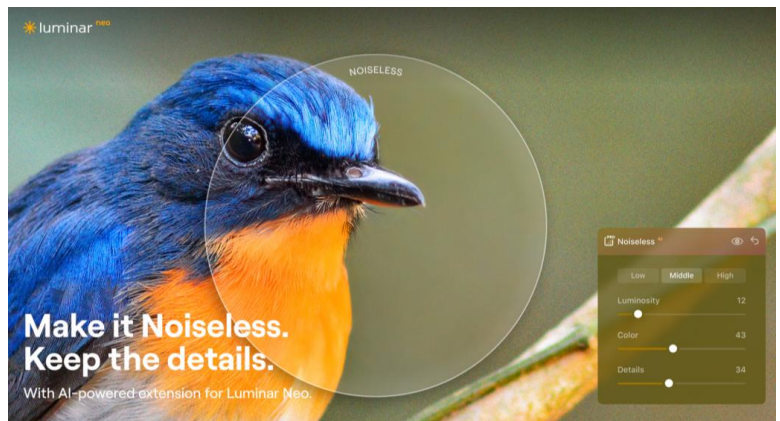
## Generate compelling copy

Upstage AI's WriteUp tool empowers your unique writing style with an on-device AI assistant, crafting context-specific content in various styles, including tone, length, purpose, language, and more. By processing data locally, WriteUp ensures privacy, reduces latency, and eliminates the need for cloud connectivity, with the AI assistant available offline for on-the-go use.

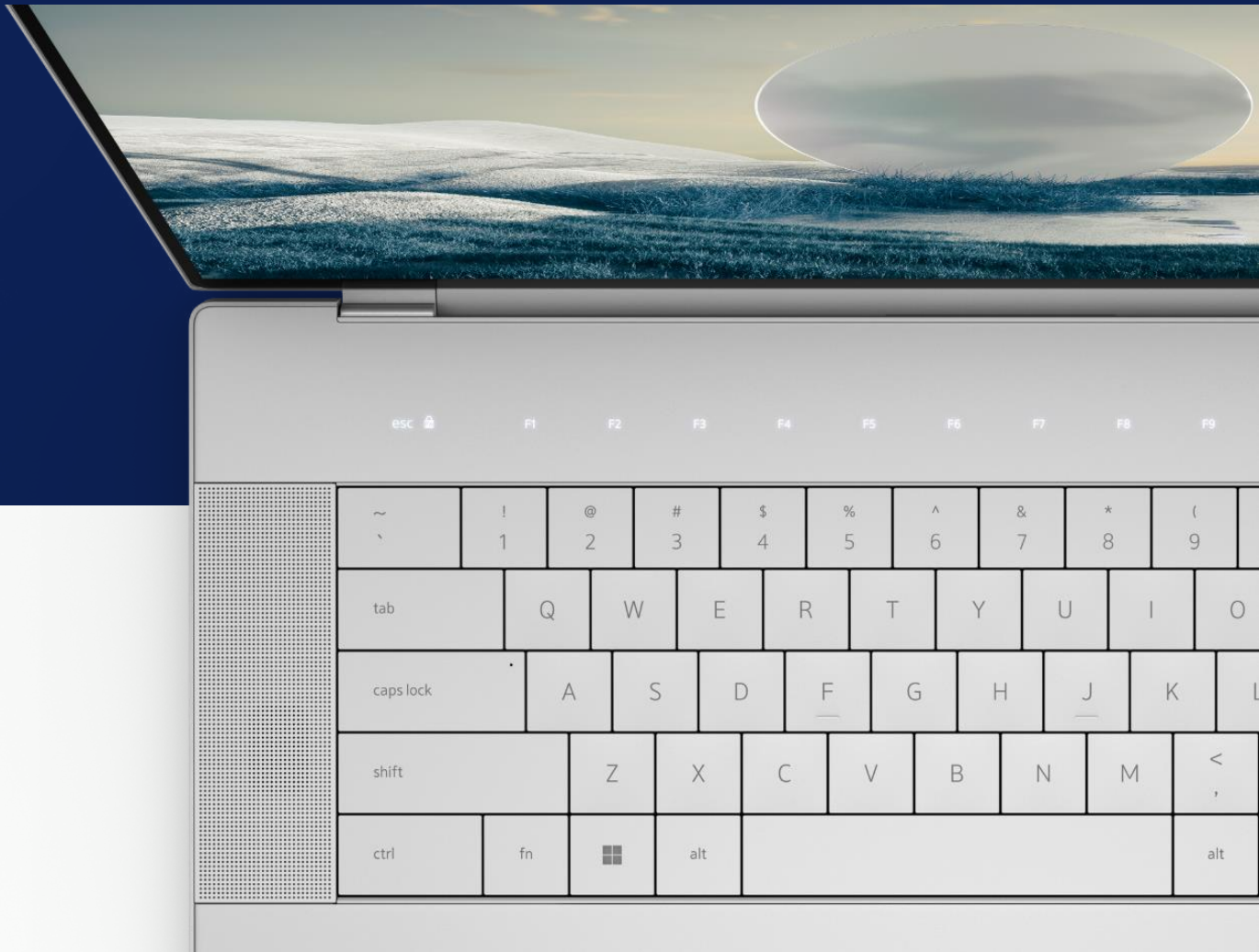


## Elevate your images

Achieve instantly captivating photos with a simple tool with Luminar Neo. Intelligently apply controls like shadow, highlight, contrast and exposure, or remove unwanted objects, like powerlines, to leave a pristine landscape. Deliver sharp details while keeping the natural look of your photo and intelligently brighten images.



# Louder sound and deeper bass\*



## 10W Quad Audio

3W Woofers + 2W Tweeters for 10W total audio. Higher powered speakers provide louder sound and deeper bass than the previous gen XPS 15, so your music and content sound more immersive. The Dell 16 Premium delivers louder sound and deeper bass than the previous XPS 15.\*

## Professionally tuned

Speakers tuned by multi-Grammy Award® winning producer, Jack Joseph Puig.

## Dolby Atmos + Waves

Experience 360-degree spatial audio with Dolby Atmos and 3D stereo surround sound experience with Waves MaxxAudio delivering immersive, rich cinematic experience on your favorite movies, music and games.

# Equipped for business

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Dell Premium laptops offer a blend of “built-with” and “built-in” security<sup>[11]</sup>, manageability, comprehensive support and premium hardware features, so these PCs are ready for business.

## **Be secure from first boot**

Rigorous, state-of-the-art supply chain controls provide assurance of PC integrity from the first boot.

## **Maintain BIOS integrity**

With Dell SafeBIOS, deep defenses at the BIOS level keep the device protected from evolving threats.

## **Protect end-user identity**

Dell SafeID with discrete TPM, a dedicated security chip, keeps credentials hidden from malware and protects end-user identity.

## **Proactive and predictive support**

ProSupport for PCs uses AI technology to give you a heads up on developing issues, allowing you to anticipate user needs and reduce resolution time.

# Be seen and heard with clarity

Crystal clear video calls with intelligent FHD webcam reduces noise in the frame, while intelligent audio reduces background noise.



## Higher resolution, intelligent webcam

Our webcam is 1080p with temporal noise reduction technology shows off the best of you in crisp detail under a variety of lighting conditions, especially low light.

## Windows Hello

The infrared camera is Windows Hello ready, so you can log in with just a look.

## Presence detection

Your webcam with presence detection and Windows Hello also conveniently logs you in instantly when you step in front of your laptop, saving you time. It also automatically locks your PC when you are away.

## Intelligent audio

Intelligent audio reduces background noise and optimizes audio so you can hear and be heard with clarity on video chats.

## Windows Studio Effects

Feel together even when you're apart. Windows Studio Effects can make staying in touch on camera simple and natural.

- Background blur and voice focus keep the focus on you and what you're saying.<sup>1</sup> All without any impact on your PC's performance.
- The new eye contact feature makes it look like your eyes are meeting your audience's as much as possible.\*
- With automatic framing, your camera can follow you as you move—allowing you to stay in-shot as you move around the kitchen during a call, for example.<sup>1</sup> You can also share your screen from the taskbar.



**Breakthrough Design**

75% recycled aluminum in the top cover, 25% low emissions aluminum in the palm rest\*  
 Up to 21.5% recycled glass\*  
 18.5% recycled plastics

**Low-carbon + recycled aluminum**

The laptop is designed with an innovative combination of recycled and low emissions aluminum\* and post-consumer recycled plastics,\* which helps lower the carbon footprint of the laptop.

**Sustainability**

**Environmental Benchmarks**

Rated Energy Star 9.0 and meets the highest criteria with the EPEAT gold registration, now with Climate+ designation. With Climate+ this laptop has met environmental criteria that address climate change and reducing greenhouse gas emissions.\*

**Adapter**

The Dell 16 Premium ships a battery adapter made from temporal 98% recycled aluminum in the thermal parts, 95% recycled plastic in the case, and 50% recycled copper in the cable.

The battery is made with 50% recycled cobalt.

**Premium packaging**

Ships in 100% recycled or renewable packaging.\*

# Dell Care Suite for PCs

One year of Dell Care Plus is included with every Dell Premium laptop purchase.



## Dell Care Plus: Essential Protection for Everyday Use

Enjoy 24/7 access to our highly trained experts for hardware and software issues, onsite repair within 1-2 business days after remote diagnosis<sup>1</sup>, and issue detection and resolution with SupportAssist. Plus, get help backing up your files and memories and international support that travels with you.

## Dell Care Premium: The Ultimate PC Protection and Support

Dell Care Premium: 24/7 expert support, on-site repairs, issue detection & resolution, data back-up & parental control assistance, automatic performance boosts, accidental damage service, and worldwide coverage.

## Dell Care Suite for PCs

	Basic	Dell Care Plus	BEST Dell Care Premium
<b>Support Essentials</b>			
Hardware issues? We're here by phone, chat, or online	Business Hours	24x7	24x7
Software trouble? We fix web access and tools like email and Microsoft 365	×	24x7	24x7
PC repair at home, school or work after remote diagnosis <sup>1</sup>	Varies	1-2 Business Days	1-2 Business Days
Support that travels with you, near or far	×	✓	✓
Help to back up important files and memories	×	✓	✓
Keep your child safe online with parental control set up help	×	×	✓
Repairs for accidents like drops, spills, and electrical surges <sup>2</sup>	×	×	✓
<b>SupportAssist Technology Enabled Features<sup>3</sup></b>			
Monitor your PC's health, performance, and security—all in one spot	✓	✓	✓
AI proactively uncovers issues, informs you, and starts the resolution process	×	✓	✓
AI predicts hardware failures early and we'll send replacement parts	×	✓	✓
Gets rid of viruses and malware to keep you secure	×	×	✓
Automatically keeps your PC stable, connected, and fast	×	×	✓

## Battery Life

Whether it's cinematic OLED or power-saving 2K, our InfinityEdge displays are designed to impress. Choose an OLED option for enhanced brightness for clearer, more vibrant images with a wider color range. Or choose up to 9 hours more run time with our standard 2K display.

Config	Streaming
Ultra 7-255H, Intel Arc graphics, 2K, 16GB, 512GB SSD	Up to 27 hours with 2K <sup>1</sup>
Ultra 7-255H, NVIDIA RTX 5050 graphics, 4K OLED, 32GB, 1TB SSD	Up to 9 hours with 4K OLED <sup>2</sup>
Ultra 7-255H, NVIDIA RTX 5060, 2K, 32GB, 1TB SSD	Up to 20 hours with 2K <sup>3</sup>
Ultra 9-285H, Intel Arc graphics, 2K, 64GB, 512GB SSD	Up to 24 hours with 2K <sup>4</sup>
Ultra 9-285H, NVIDIA RTX 5060, 4K OLED, 32GB, 1TB SSD	Up to 9 hours with 4K OLED <sup>5</sup>

1. Netflix streaming battery benchmark: Dell 16 Premium tested with Intel Core Ultra 7-255H, 16GB RAM, 512GB SSD, Intel Arc graphics and 2K display. Testing conducted by Dell labs in June 2025 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 1080p content using the Netflix Windows 11 app. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time. The stated Watt Hour (WHR) is not an indication of battery life.

2. Netflix streaming battery benchmark: Dell 16 Premium tested with Intel Core Ultra 7-255H, 32GB RAM, 1TB SSD, NVIDIA RTX 5050 graphics and 4K OLED display. Testing conducted by Dell labs in June 2025 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 1080p content using the Netflix Windows 11 app. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time. The stated Watt Hour (WHR) is not an indication of battery life.

3. Netflix streaming battery benchmark: Dell 16 Premium tested with Intel Core Ultra 7-255H, 32GB RAM, 1TB SSD, NVIDIA RTX 5060 graphics and 2K display. Testing conducted by Dell labs in June 2025 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 1080p content using the Netflix Windows 11 app. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time. The stated Watt Hour (WHR) is not an indication of battery life.

4. Netflix streaming battery benchmark: Dell 16 Premium tested with Intel Core Ultra 9-285H, 64GB RAM, 512GB SSD Intel Arc graphics and 2K display. Testing conducted by Dell labs in June 2025 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 4K content using the Netflix Windows 11 app. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time. The stated Watt Hour (WHR) is not an indication of battery life.

5. Netflix streaming battery benchmark: Dell 16 Premium tested with Intel Core Ultra 9-285H, 32GB RAM, 1TB SSD, NVIDIA RTX 5060 graphics and 4K OLED display. Testing conducted by Dell labs in June 2025 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 4K content using the Netflix Windows 11 app. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time. The stated Watt Hour (WHR) is not an indication of battery life.

# Recommended Accessories



**Dell UltraSharp 27 Thunderbolt Hub Monitor | U2724DE**

Experience a new level of visual comfort and productivity with this hub monitor certified by TÜV for 5-star eye comfort. Designed with extensive connectivity and the power of Thunderbolt 4.



**Dell UltraSharp Webcam | WB7022**

Experience best image quality in its class with the world's most intelligent 4K webcam.



**Dell Thunderbolt 4 Smart Dock | SD25TB4**

Take on intensive workloads with the latest Thunderbolt 4 smart dock delivering up to 130W of power and remote management capabilities.



**Dell Collaboration Keyboard and Mouse | KM900**

Designed with a surreal level of detail, our premium keyboard and mouse combo transform collaboration, enhance productivity and provide all-day comfort.



**Dell Premier Rechargeable Mouse | MS900**

Premium mouse designed with a surreal level of detail to be extremely comfortable and easy to use thanks to its sculpted curves, innovative scroll wheel and powerful battery.



**Dell Premier Collaboration Keyboard | KB900**

The world's first Zoom-certified\* rechargeable keyboard, built to transform collaboration, enhance productivity and provide all-day comfort.



**Dell Pro Premium Wireless ANC Headset | WL7024**

Stay focused anywhere with an intelligent wireless headset, featuring dual-directional AI-based noise cancellation and Adaptive ANC.



**Dell 6-in-1 USB-C Multiport Adapter | DA305**

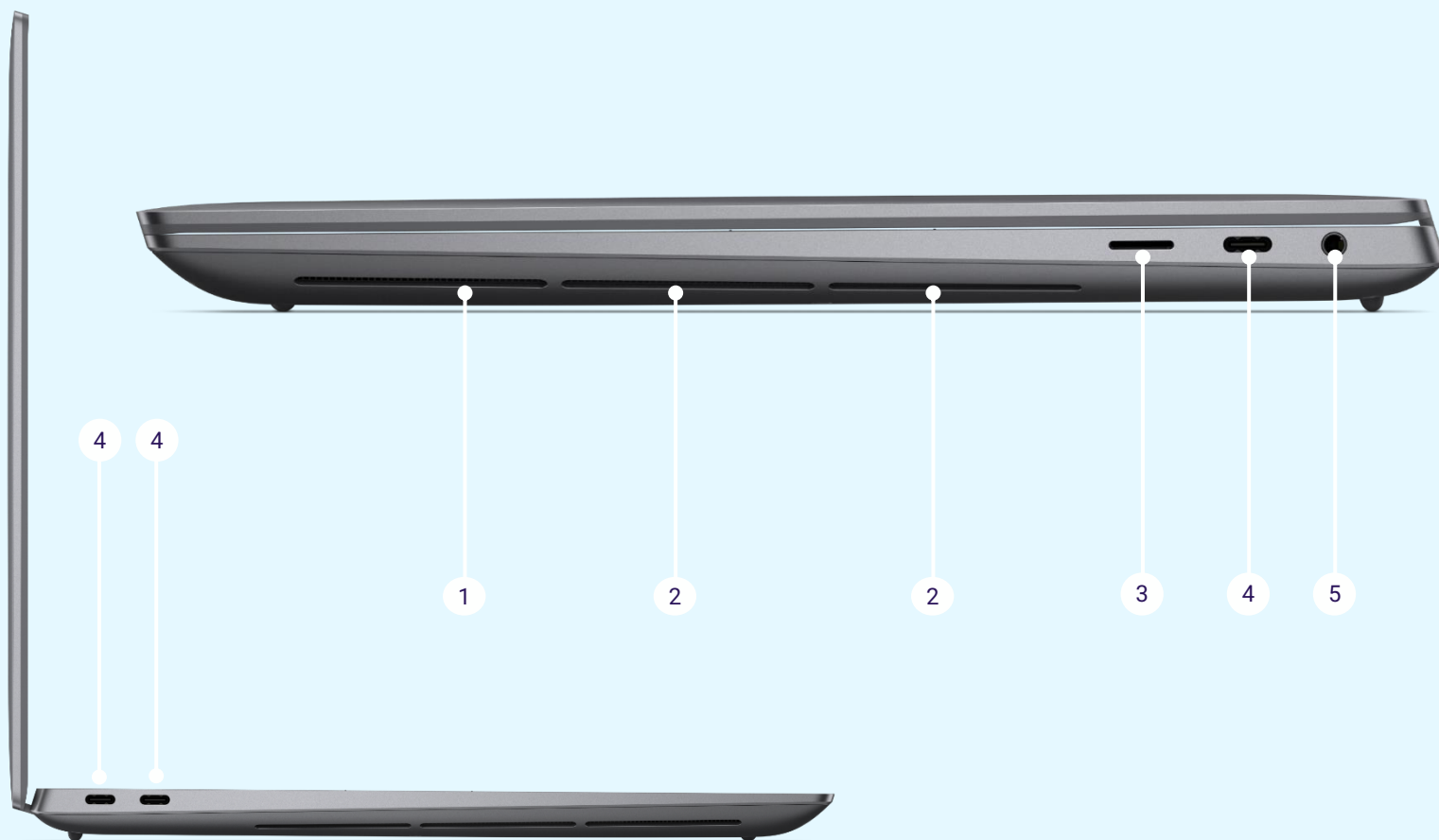
A compact multiport 6-in-1 adapter that offers video, network, data connectivity and up to 90W power pass-through for your laptop.



**Dell Pro 14-16 Premium EcoLoop Slim Backpack | CP7625S**

A premium quality slim backpack that's made for fast-paced corporate life, offering 360° laptop protection, smart organization and all-day comfort.

# Ports & Slots



- 1 Down firing speaker
- 2 Thermal intake
- 3 microSDXC card reader v7.1 UHS-I/UHS-II
- 4 Thunderbolt™ 4 (USB Type-C™) with DisplayPort 2.1 and Power Delivery\*
- 5 Universal audio jack



240.0 mm (9.4")

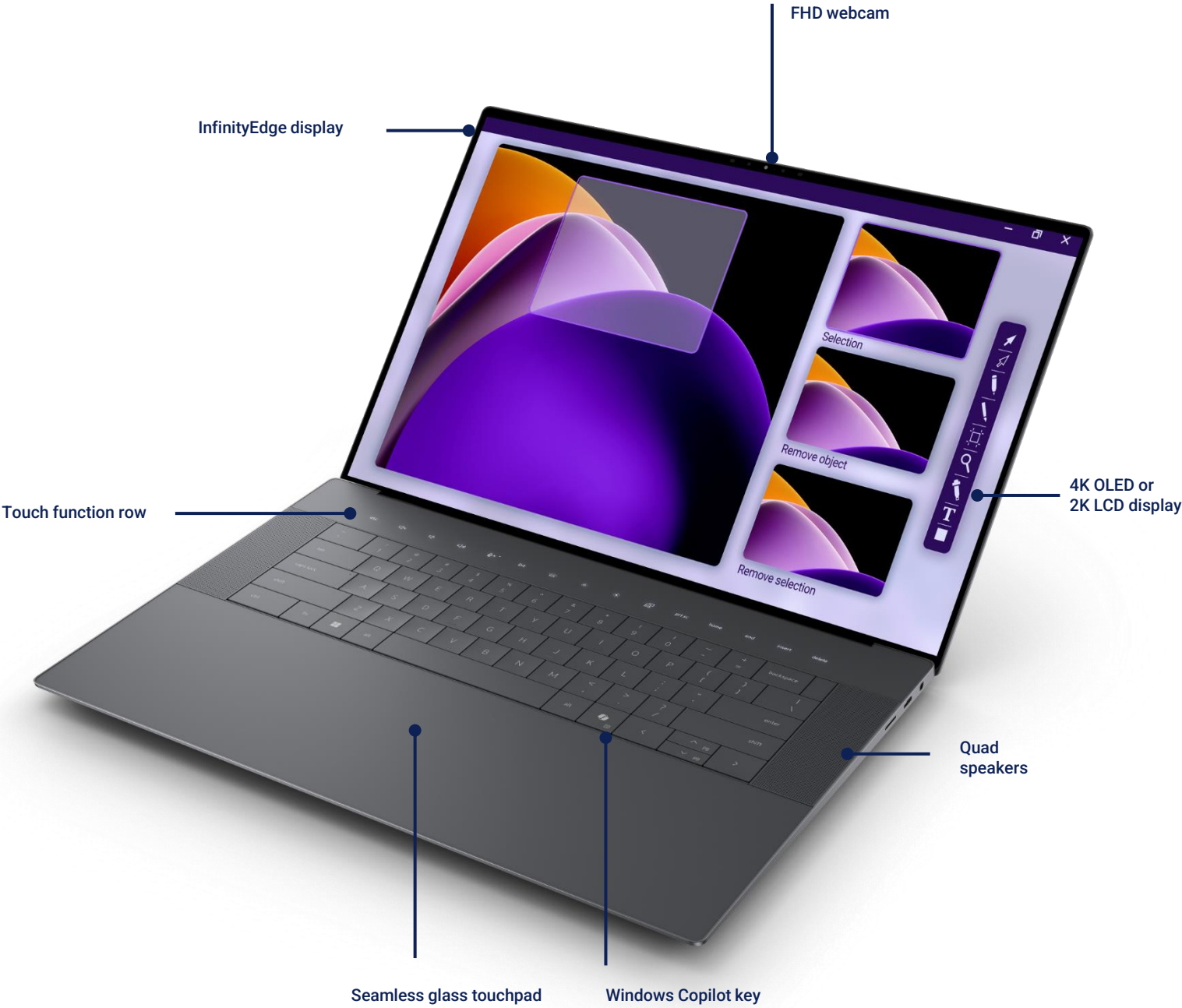


358.1 mm (14.1")



18.7 mm (0.74")

Starting weight\*: 2.06kg (4.56lbs.) for 2K LCD and UMA; 2.11kg (4.65lbs) for 4K OLED and UMA



Shown in Graphite

## Important details

**Up to 13% faster at demanding tasks:** Based on internal Dell testing, June 2025 comparing the Dell 16 Premium with Intel U9 285H, 32GB of RAM, 1TB SSD, Nvidia RTX 5060 and XPS 16 with Intel U9 185H, 32GB of RAM, 2TB SSD, Nvidia RTX 4060 using the CR23 Multi-Core benchmark.

**Up to 12% faster performance in lightweight 3D and creative apps:** Based on internal Dell testing, June 2025 comparing the Dell 16 Premium with Intel U9 285H, 32GB of RAM, 1TB SSD, Nvidia RTX 5060 and XPS 16 with Intel U9 185H, 32GB of RAM, 2TB SSD, Nvidia RTX 4060 using the Time Spy benchmark.

**Up to 2.36x boost in AI throughput:** Based on internal Dell testing, June 2025 comparing the Dell 16 Premium with Intel U7 265H and 16GB of RAM and XPS 16 with Intel U7 155H and 16GB of RAM using the ResNet-50 eTOPS benchmark.

**Up to 18% better graphics performance in advanced ray-tracing and visual effects.:** Based on internal testing, June 2025 comparing Dell 16 Premium with Intel U9 285H, 32GB of RAM, 1TB SSD, Nvidia RTX 5060 and XPS 16 with Intel U9 185H, 32GB of RAM, 2TB SSD, Nvidia RTX 4060 using the Port Royal benchmark.

**UP to 18% faster for daily work:** Based on internal Dell testing, June 2025 comparing Dell 16 Premium with Intel U9 285H, 32GB of RAM, 1TB SSD, Nvidia RTX 5060 and XPS 16 with Intel U9 185H, 32GB of RAM, 2TB SSD, Nvidia RTX 4060 using the CrossMark Bapco benchmark.

**Cyberlink:** Based on internal analysis and testing, November 2024. Cyberlink's Power Director AI video editing features running on devices with Intel® Core™ Ultra 200V series processors with NPU hardware acceleration enabled compared to Intel® Core™ Ultra 200V series processors without NPU hardware acceleration enabled. Results may vary.

**Memory:** Graphics & System Memory: GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

**Hard Drives:** GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

**WiFi 7 4.8x faster throughput:** Based on internal analysis, December 2023.

**Wi-Fi 7** Wi-Fi 7 certified products will roll out in accordance with the Wi-Fi Alliance certification schedule throughout 2024. Wi-Fi 7 requires the latest Wi-Fi Alliance certification, Windows HLK certified device driver, hardware update, supported Windows OS version and compatible router. Wi-Fi 7 connectivity with Windows 11 is limited and will leverage prior generation of Wi-Fi until drivers are available and hardware adoption increases. Ubuntu OS will not support Wi-Fi 7 and will operate on WiFi 6/6E speeds when configured for WiFi 7. Router requires a separate purchase. Wi-Fi 7 connectivity is only available in select locations <https://www.wi-fi.org/countries-enabling-wi-fi-in-6-ghz-wi-fi-6e>. Check availability with your service provider. The Bluetooth wireless card version may vary depending on the operating system that is installed on your computer.

The **Bluetooth wireless version** may vary depending on the operating system that is installed on your computer.

**Weights** vary depending on configuration and manufacturing variability.

**Louder sound and deeper bass:** Based on internal testing, November 2023.

**Windows Studio Effects:** Windows Studio Effects (background blur, eye contact, voice focus, and automatic framing) are hardware dependent and require a qualified Neural Processing Unit (NPU).

**Climate +:** Based on internal analysis, May 2025. Based on EPEAT Climate + Designations. EPEAT registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.

**Recycled materials:** Based on internal analysis, May 2025. Percentage 18.5% is of total plastic weight in the product. 75% recycled aluminum 25% recycled low emission aluminum in the top cover, bottom cover and palm rest, 75% post-consumer recycled plastic in the keycaps, 21.5% recycled glass on OLED display panel OR 12% recycled glass on LCD panel. 98% recycled aluminum, 95% recycled plastic and 50% recycled copper in the 130W type C adapter. 50% recycled cobalt in the battery.

**Packaging:** Contains up to 92.2% recycled content and 7.8% renewable content in the form of sustainably forested materials. Excludes optional items added to order and included in box.

**Energy Star and EPEAT:** Based on internal analysis, May 2025. Based on EPEAT Climate + Designations. EPEAT registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.

**Zoom-certified keyboard:** Based on Dell analysis of publicly available information of competitive Personal Zoom Room keyboards, August 2022.