

DELLTechnologies

XPS 16

The iconic new XPS 16 delivers powerful performance your most demanding projects need now.



Iconic design

Crafted with machined (CNC) aluminum and Gorilla® Glass 3 to deliver a strong, lightweight laptop. XPS is available in Platinum or Graphite with tone-on-tone finishes for an elegant, minimalistic design.

Powerful creation

Run demanding apps smoother and faster with powerful Intel® Core™ Ultra processors up to 45W and swiftly edit and export videos with up to NVIDIA® GeForce RTX™ 4070 Laptop graphics. Up to 80W of sustained performance.

Innovative interiors

Modern, easy to use interiors like the unique touch function row, seamless glass touchpad and comfortable keyboard deliver a clean, harmonious look and allow you to switch tasks effortlessly.

Stunning display

True-to-life color and sharp detail on a large 16.3" InfinityEdge display plus incredible sound brings content to life, so you are totally immersed. Available with 4K+ OLED touch display option and quad speaker design.

FEATURE	TECHNICAL SPECIFICATION	FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER	XPS 9640	CONSTRUCTION	CNC machined aluminum with Corning Gorilla Glass 3 palm rest in graphite or platinum Corning Gorilla Glass Victus on OLED cover glass
PROCESSOR OPTIONS	Intel® Core™ Ultra 7 Processor 155H (16-Core, 24MB Cache, up to 4.8 GHz), Intel® AI Boost NPU Intel® Core™ Ultra 7 Processor 165H (16-Core, 24MB Cache, up to 5.0 GHz), Intel® AI Boost NPU Intel® Core™ Ultra 9 Processor 185H (16-core, 24MB Cache, up to 5.1 GHz)	DIMENSIONS AND WEIGHTS	Height: 18.7 mm (0.74") Width: 358.1 mm (14.1") Depth: 240.0mm (9.4") Starting weight*: 2.13kg (4.7lbs.) for FHD+ and UMA; 2.20kg (4.8lbs) for OLED
NEURAL PROCESSOR	Intel® AI Boost NPU	AC ADAPTER	130W AC adapter (USB Type-C™)
OPERATING SYSTEM	Microsoft® Windows® 11 Home 64-bit Microsoft® Windows® 11 Pro 64-bit	PORTS AND SLOTS	3x Thunderbolt™ 4 (USB Type-C™) with DisplayPort 2.1 and Power Delivery* microSDXC card reader v6.0 UHS-I/UHS-II 1 3.5mm headphone/microphone combo jack
MEMORY OPTIONS*	16GB LPDDR5x Dual Channel at 6400 MT/s 32GB LPDDR5x Dual Channel at 7467 MT/s 64GB LPDDR5x Dual Channel at 7467 MT/s Note: 7467 MT/s with 4070 graphics only / 6400 MT/s with UMA, 4050 or 4060 graphics	INPUTS	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 backlight control
STORAGE OPTIONS*	512GB PCIe 4 SSD, 1TB PCIe 4 SSD, 2TB PCIe 4 SSD, 4TB PCIe 4 SSD	CAMERA	FHD (1080p) webcam Windows Hello compliant, Express Sign-In, Intel IPU6
GRAPHICS	Intel® Arc™ graphics NVIDIA® GeForce RTX™ 4050 Laptop GPU 6GB GDDR6 (50W) NVIDIA® GeForce RTX™ 4060 Laptop GPU 8GB GDDR6 (50W) NVIDIA® GeForce RTX™ 4070 Laptop GPU 8GB GDDR6 (60W)	SECURITY	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
	ADDITIONAL SOFTWARE	SECURITY FEATURES	Compatible with Absolute software Compatible with CrowdStrike software
DISPLAY	16.3-inch FHD+ (1920 x 1200) InfinityEdge non-touch display, 500-nits typical brightness, 100% sRGB minimum, 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-nit brightness, 100% DCI-P3 color gamut, VESA DisplayHDR 500, 1,000,000:1 contrast ratio, 178° wide viewing angle +/- 89° / 89° / 89° / 89°, 48-90Hz, Dolby Vision™, Eyesafe® technology, anti-reflective, anti-smudge	AUDIO AND SPEAKERS	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 3.5mm headphone/microphone combo jack featuring Waves Nx® 3D audio with head tracking Dual microphone array optimized with Waves MaxxVoice supporting VoIP Dolby Atmos
WIRELESS	Intel® Killer™ Wi-Fi 7* 1750 (BE200) 2x2 + Bluetooth 5.4 Wireless Card	SUSTAINABILITY	At least 25% recycled materials* 75% recycled aluminum, 25% low emissions aluminum* 21% recycled glass* At least 30% recycled plastics Ships in 100% recyclable packaging made from 100% recycled or renewable content.*
BATTERY	99.5Whr battery (integrated) ExpressCharge 1.0	REGULATORY AND ENVIRONMENTAL COMPLIANCE	Regulatory Model: P129F Regulatory Type: P129F001 ENERGY STAR 8.0 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)
MANAGEABILITY	Windows Autopilot	WARRANTY AND SERVICE	1 year of Premium Support standard; Optional hardware warranty extensions up to 4 years, Premium Support Plus also available. 1 year of ProSupport standard; Optional hardware warranty extensions up to 4 years, ProSupport Plus also available.

XPS Ready for Business Features

**Support**

Dell Support Assist detects and resolves issues proactively, while ProSupport offers 24/7 expert help. Extend coverage with the ProSupport 4-year Maximum Warranty for peace of mind against unexpected issues.

**Manageability**

With Windows Autopilot, streamline device setup by automating configuration and deployment, allowing your team to start working immediately with minimal IT.

Intel® vPro

Allows complete remote management capabilities allowing IT to maintain their fleet.

Services

Simplify your IT setup process with ProDeploy and enjoy peace of mind with options for extended battery service, asset recovery services, and asset tagging.

**Intelligent Software**

Enhance system performance and security with Dell BIOS, while Dell Update ensures smooth operation by automatically updating critical fixes and drivers. Leverage Dell Optimizer's AI for application and power optimization, use Excalibur OS for OS recovery support, and simplify updates with Dell Command Update.

**Security**

Protect sensitive data with a hardware TPM security chip and log in quickly and securely with a fingerprint reader.

Chassis intrusion switch

Detect unauthorized access inside system chassis which could be the basis for malicious implanted hardware or software, data or component theft

**Proven Reliability**

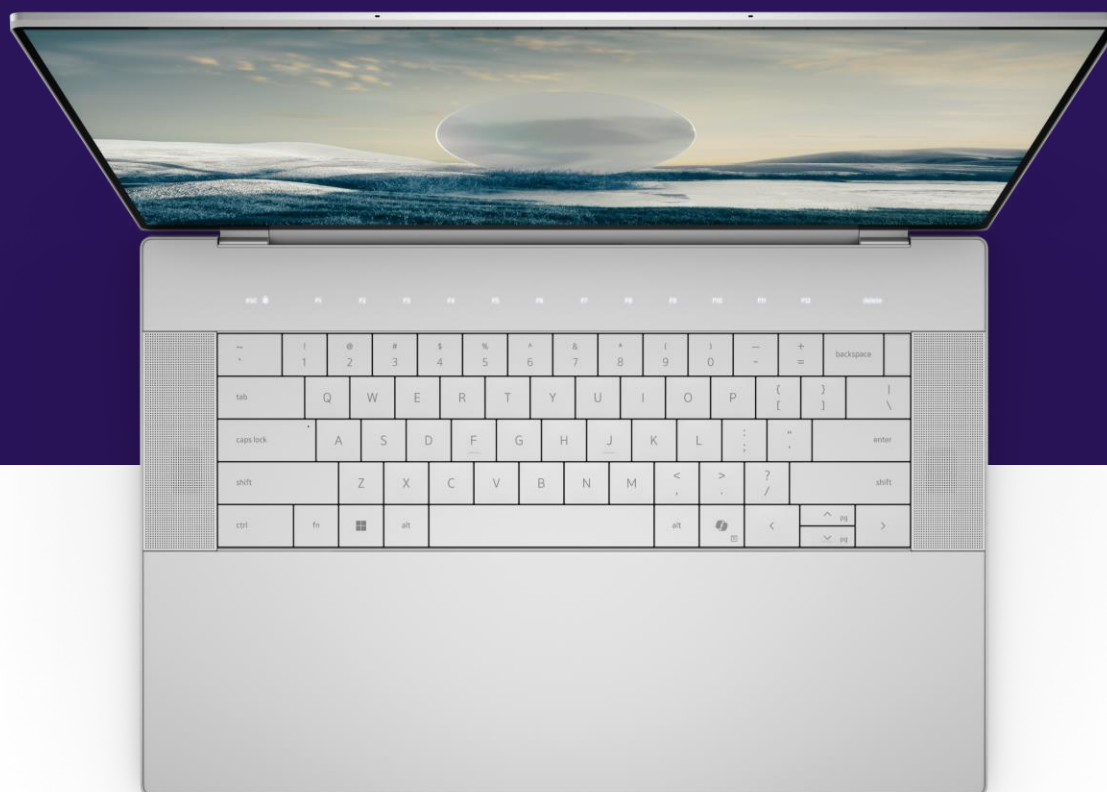
Enjoy peace of mind with Dell's high standards including military-grade testing for added reliability and durability.

**CFI (custom factory integration)**

Dell can apply customer custom software at the factory or an order that normally includes asset tagging a base monitor for a particular customer.



Proven Reliability and Durability



Durability

Devices are tested to survive in harsh short-term heat conditions of up to 65°C/149°F.

The base and lid are twisted more than 25,000 times to ensure parts inside are well protected.

Mechanical endurance

Hinges are tested by opening and closing the lid 20,000 times.

Touch pad buttons are tested 2 million times without failure. Power and multimedia buttons can survive up to 49,000 pushes.



The new XPS family has its highest level of sustainable materials yet*

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 by up to 89%*.

Breakthrough Design

Made of at least 25% recycled materials*
75% recycled aluminum, 25% low emissions aluminum*
21% recycled glass*
At least 30% post-consumer recycled plastic*

Sustainability

Environmental Benchmarks

Rated Energy Star 8.0 and meets the highest criteria with the EPEAT gold registration, now with Climate+ designation. With Climate+ this laptop has met the industry's best practices for decarbonization.*

Adapter

The XPS 16 ships with an energy saving adapter* designed with post-consumer recycled plastics, recycled aluminum and recycled copper.*

Premium packaging

The XPS 16 ships in packaging made with 100% recycled or renewable content and is 100% recyclable.*

Important details

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.

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 Wi-Fi 6/6E speeds when configured for Wi-Fi 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.

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Weights vary depending on configuration and manufacturing variability.

Ports: 4070 configurations include 2x Thunderbolt™ 4* (USB Type-C™) with DisplayPort 2.1 and Power Delivery + 1x USB 3.2 Type-C with DisplayPort 1.4 and Power Delivery

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).

EPEAT: EPEAT registration varies by country. Please see www.epeat.net for specific country registration and rating.

BFR/PVC free: XPS notebooks exclude BFRs and PVC from the core product per the INEMI definition of BFR/PVC Free. External adapters, power cords, peripherals and service parts may be excluded unless otherwise specified.

Recycled materials: Based on internal analysis, November 2023. Percentages are based on total system weight.

Low emissions aluminum: Based on internal analysis, November 2023. Lid, bottom cover and Palmrest: 75% recycled aluminum and 25% low emissions aluminum

Recycled glass: Based on internal analysis, November 2023

Recycled plastic: Based on internal analysis, November 2023. The percentage is based on plastic weight.

Adapter recycled materials: Based on internal analysis, November 2023. 95% post-consumer recycled plastic in the case and AC socket, 98% recycled aluminum in the adapter shielding and thermal module and 50% recycled copper in the adapter cable, magnetic wires and thermal module.

Packaging: Made with 92.4% recycled content and 7.6% renewable content in the form of sustainably forested materials. 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. See local recycling guidelines

Climate +: Based on internal analysis, November 2023. Based on EPEAT Climate+ Designations achieved in all applicable countries. EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status and tier levels.