



Dell Pro Max 16

Step up to Dell Pro Max

A Copilot+ AI PC featuring the latest AMD Ryzen™ AI PRO series processors and NVIDIA RTX PRO™ Blackwell Generation graphics.

Designed to perform intensive workloads and multi-tasking, Dell Pro Max is purpose-built to power your applications.

Extraordinary performance

Elevate your performance with the Dell Pro Max 16, equipped with up to powerful AMD Ryzen™ AI 9 HX PRO 475 Processors, cutting-edge NVIDIA RTX PRO 1000 Blackwell Generation graphics¹, lightning-fast 8000MT/s memory, and up to 4TB of storage capacity.

Elevated experience

Experience ultimate comfort and style with our 16", 16:10 display offering up to QHD+¹ resolution, an FHD, HDR IR camera, a full-size keyboard, and a generously-sized clickpad.

Expanded sustainability

Many of our products are crafted using bio-based materials and recycled content, ensuring sustainability is considered at every step. We employ 100% recycled materials for our shipping, which are also fully recyclable. Additionally, our offerings are EPEAT Gold registered with a Climate+ designation, and they meet Energy Star 9.0¹ and TCO10 certification standards.

Exceptionally mobile

Starting at only 4.64 lbs, this device offers outstanding connectivity options like WiFi 7, Bluetooth 5.4, and single-cable docking, making it perfect for mobile projects. Plus, its powerful 96Whr 6-cell battery ensures extended usage on the go.

Excellent reliability

Tested and certified by leading ISVs to guarantee outstanding application performance, MIL-STD tested for durability against everyday wear and tear, and backed by a reliable warranty with optional support services.

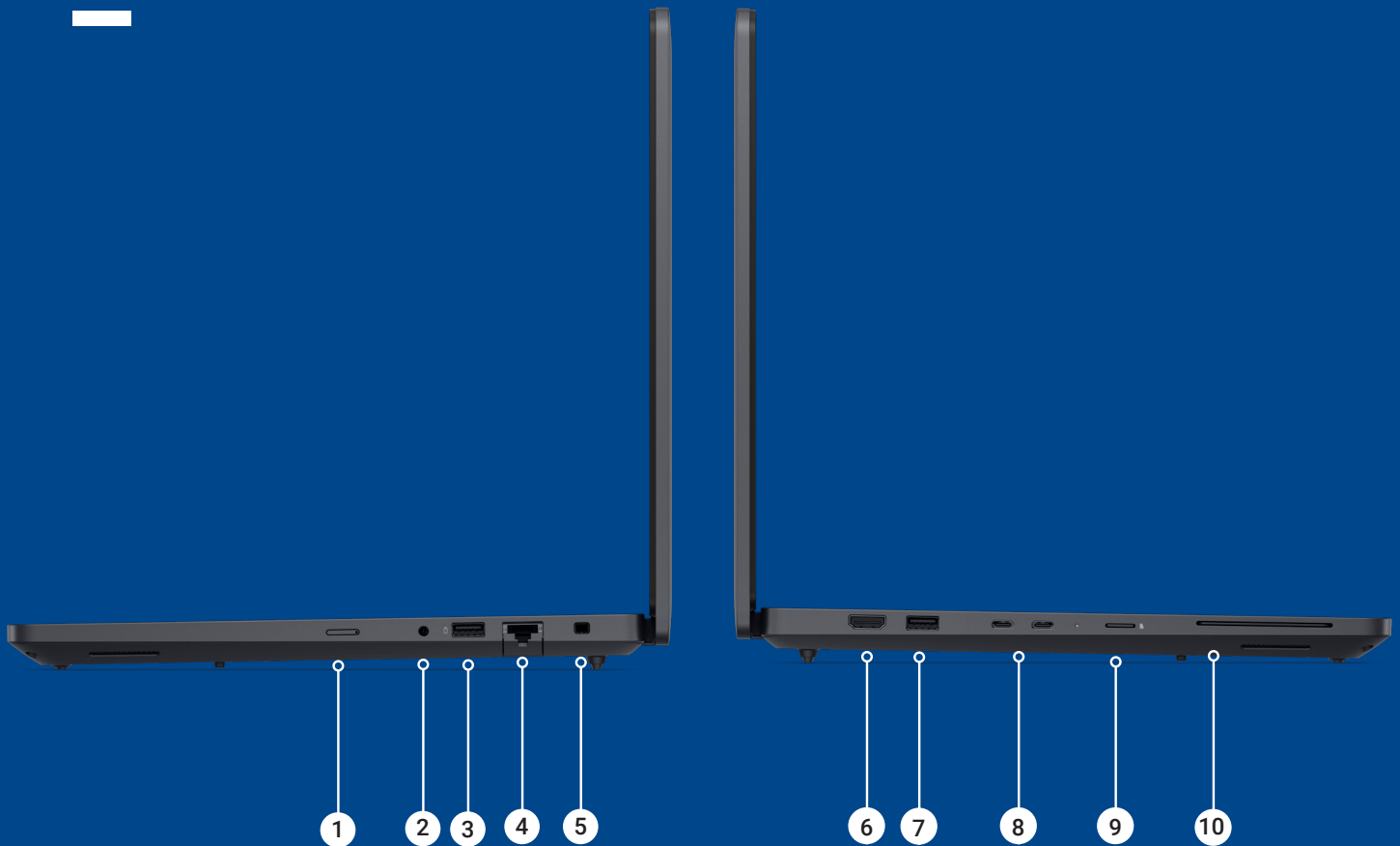


FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER	Dell Pro Max 16 MC16255
PROCESSOR ¹	AMD Ryzen™ AI 5 PRO 340 with PRO technologies (6 cores, 12 threads, up to 4.8 GHz Max Boost Clock) up to 50 TOPS NPU AMD Ryzen™ AI 7 PRO 350 with PRO technologies (8 cores, 16 threads, up to 5.0 GHz Max Boost Clock) up to 50 TOPS NPU AMD Ryzen™ AI 9 HX PRO 370 with PRO technologies (12 cores, 24 threads, up to 5.1 GHz Max Boost Clock) up to 50 TOPS NPU AMD Ryzen™ AI 5 PRO 440 with PRO technologies (6 cores, 12 threads, up to 4.8 GHz Max Boost Clock) up to 50 TOPS NPU AMD Ryzen™ AI 7 PRO 450 with PRO technologies (8 cores, 16 threads, up to 5.1 GHz Max Boost Clock) up to 50 TOPS NPU AMD Ryzen™ AI 9 HX PRO 475 with PRO technologies (12 cores, 24 threads, up to 5.2 GHz Max Boost Clock) up to 60 TOPS NPU
OPERATING SYSTEM ¹	Windows 11 Home Windows 11 Pro Ubuntu® Linux® 24.04 LTS, 64-bit
MEMORY ^{1,2,3}	16 GB: 1 x 16 GB, LPDDR5x, 8000 MT/s, dual-channel (onboard), Non-ECC 32 GB: 1 x 32 GB, LPDDR5x, 8000 MT/s, dual-channel (onboard), Non-ECC 64 GB: 1 x 64 GB, LPDDR5x, 8000 MT/s, dual-channel (onboard), Non-ECC
PRIMARY HARD DISK DRIVE ^{1,5}	256 GB SSD, Gen4 512 GB SSD, Gen4 1 TB Performance SSD, Gen4, SED Ready 2 TB Performance SSD, Gen4, SED Ready
VIDEO CARD	Integrated graphics: AMD Radeon™ 840M Graphics AMD Radeon™ 860M Graphics AMD Radeon™ 890M Graphics Discrete graphics: NVIDIA® RTX™ PRO 500-BLACKWELL, 6 GB GDDR7 NVIDIA® RTX™ PRO 1000-BLACKWELL, 8 GB GDDR
DISPLAY	16", FHD+, 1900x1200, 16x10, non-touch, 400nits, WVA, AG, 60 Hz 16", FHD+, 1900x1200, 16x10, touch, 400nits, WVA, AG, 60 Hz 16", QHD+, 2560x1600, 16x10, Non-touch, 120Hz, WVA, Anti-Glare, 300 nit, 100% sRGB, ComfortView Plus 16", QHD+, 2560x1600, 16x10, Non-touch, 120Hz, WVA, Anti-Glare, 400 nit, 100% sRGB, ComfortView Plus
CASE COLOR	Magnetite
PRODUCTIVITY SW ¹	Dell Command Configure 4.0 or later (DCC) Dell Command Monitor 10.0 or later (DCM) Dell Command Update 3.0 or later (DCU) Dell Command Integration Suite for System Center 5.0 (DCIS) Dell Command PowerShell Provider 2.0 or later Dell Optimizer 6.1
SECURITY	McAfee® Small Business Security 30-day free trial McAfee® Small Business Security 12-month subscription McAfee® Small Business Security 36-month subscription Trusted Platform Module (TPM) 2.0 security Windows Hello - Fingerprint Reader (optional) FIPS 140-2 Certificate for TPM TCG Certification for TPM (Trusted Computing Group) Finger Print Reader in Power Button available with and without ControlVault 3 Plus ControlVault 3 Advanced Authentication with FIPS 140-3 Level 3 Certification Contacted Smart Card and ControlVault 3 Plus Contactless Smart Card, NFC, and ControlVault 3 Plus SED SSD NVMe, SSD per SDL One wedge-shaped lock slot
WARRANTY ^{8,9}	1Y Hardware Warranty Service with In-Home/Onsite Service after Remote Diagnosis 2Y Hardware Warranty Service with In-Home/Onsite Service after Remote Diagnosis 3Y Hardware Warranty Service with In-Home/Onsite Service after Remote Diagnosis 4Y Hardware Warranty Service with In-Home/Onsite Service after Remote Diagnosis 5Y Hardware Warranty Service with In-Home/Onsite Service after Remote Diagnosis 1Y ProSupport Suite 2Y ProSupport Suite 3Y ProSupport Suite 4Y ProSupport Suite 5Y ProSupport Suite 2Y Data and Protective Services Extended Battery Services (EBS) - CRU Batteries Only 3Y Data and Protective Services Extended Battery Services (EBS) - CRU Batteries Only
ACCIDENTAL DAMAGE SERVICES	1-year Accidental Damage Service 2-year Accidental Damage Service 3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service 1-year Accidental Damage with Theft Service 2-year Accidental Damage with Theft Service 3-year Accidental Damage with Theft Service 4-year Accidental Damage with Theft Service 5-year Accidental Damage with Theft Service 1-year Accidental Damage Protection 2-year Accidental Damage Protection 3-year Accidental Damage Protection 4-year Accidental Damage Protection 5-year Accidental Damage Protection

FEATURE	TECHNICAL SPECIFICATION
KEYBOARD ¹	Magnetite non-backlit keyboard Magnetite English International non-backlit Copilot key keyboard, 99-key Magnetite English US non-backlit Copilot key keyboard, 99-key Magnetite Spanish (Latin America) non-backlit Copilot key keyboard, 100-key Magnetite backlit keyboard Magnetite Arabic backlit Copilot key keyboard, 99-key Magnetite Belgian backlit Copilot key keyboard, 100-key Magnetite Bulgarian backlit Copilot key keyboard, 100-key Magnetite Canada (Bilingual) MUI backlit Copilot key keyboard, 99-key Magnetite Chinese (Traditional) backlit Copilot key keyboard, 99-key Magnetite Czech/Slovak (MUI) backlit Copilot key keyboard, 100-key Magnetite Danish backlit Copilot key keyboard, 100-key Magnetite English International backlit Copilot key keyboard, 99-key Magnetite English UK backlit Copilot key keyboard, 100-key Magnetite English US backlit Copilot key keyboard, 99-key Magnetite Estonian backlit Copilot key keyboard, 100-key Magnetite French (Canadian) (MUI) backlit Copilot key keyboard, 99-key Magnetite French (European) backlit Copilot key keyboard, 100-key Magnetite German backlit Copilot key keyboard, 100-key Magnetite Greek backlit Copilot key keyboard, 99-key Magnetite Hebrew backlit Copilot key keyboard, 99-key Magnetite Hungarian backlit Copilot key keyboard, 100-key Magnetite Italian backlit Copilot key keyboard, 100-key Magnetite Japanese backlit Copilot key keyboard, 103-key Magnetite Korean backlit Copilot key keyboard, 99-key Magnetite Nordic (MUI) backlit Copilot key keyboard, 100-key Magnetite Norwegian backlit Copilot key keyboard, 100-key Magnetite Portuguese (Brazil) backlit Copilot key keyboard, 101-key Magnetite Portuguese (Iberian) backlit Copilot key keyboard, 100-key Magnetite Russian backlit Copilot key keyboard, 99-key Magnetite Slovenian backlit Copilot key keyboard, 100-key Magnetite Spanish (Castilian) backlit Copilot key keyboard, 100-key Magnetite Spanish (Latin America) backlit Copilot key keyboard, 100-key Magnetite Swedish/Finnish backlit Copilot key keyboard, 100-key Magnetite Swiss/European (MUI) backlit Copilot key keyboard, 100-key Magnetite Thai backlit Copilot key keyboard, 99-key Magnetite Turkish backlit Copilot key keyboard, 100-key Magnetite Turkish (F) backlit Copilot key keyboard, 100-key Magnetite Ukrainian backlit Copilot key keyboard, 99-key
TOUCHPAD	Premium Precision TouchPad with Multi-touch Gesture
PORTS	(2) Thunderbolt™ 4 (40 Gbps) ports with Power Delivery and DisplayPort™ USB 3.2 Gen 1 (5 Gbps) port with PowerShare USB 3.2 Gen 1 (5 Gbps) port HDMI 2.1 port RJ45 (1 Gbps) Ethernet port Global headset port
OPTICAL DRIVE	N/A
SLOTS	Wedge-shaped lock slot MicroSD-card slot Smart-card reader slot (optional)
DIMENSIONS	US Height (rear): 0.72 in. (18.36 mm) Height (peak): .97 in. (24.70 mm) Height (front): 0.54 in. (13.78 mm) Width: 14.09 in. (358 mm) Depth: 10.08 in. (256 mm) Weight (minimum): 4.64 lbs / 2.1 kg Rest of the world Height (rear): 18.36 mm (0.72 in.) Height (peak): 24.70 mm (.97 in.) Height (front): 13.78 mm (0.54 in.) Width: 358 mm (14.09 in.) Depth: 256 mm (10.08 in.) Weight (minimum): 2.1 kg (4.64 lb)
CAMERA	1080p at 30 fps widescreen FHD+ RGB HDR camera, Dual-array microphones, TNR 1080p at 30 fps widescreen FHD+ RGB HDR + IR camera, Dual-array microphones, TNR
AUDIO AND SPEAKERS ¹	Stereo speakers with Realtek ALC1708 Audio Controller, 2W x 2 = 4W total
WIRELESS	MediaTek Wi-Fi 7 MT7925, 2x2, 802.11be, MU-MIMO, Bluetooth® 5.4 wireless card
PRIMARY BATTERY	4-cell, 64 Wh, Lithium Ion Polymer, ExpressCharge™ Capable 4-cell, 64 Wh, Lithium Ion Polymer, ExpressCharge™ Capable, Long Life Cycle 6-cell, 96 Wh, Lithium Ion Polymer, ExpressCharge™ Capable 6-cell, 96 Wh, Lithium Ion Polymer, ExpressCharge™ Capable, Long Life Cycle
POWER	100 W AC adapter, USB Type-C® (for computers shipped with only integrated graphics) 130 W AC adapter, USB Type-C®
REGULATORY ^{7,11}	Product Safety, EMC and Environmental Datasheets Dell Regulatory Compliance Home Page Responsible Business Alliance Policy

XE platforms provide extended transitions and stability for OEM Solutions customers. For more information, visit <https://www.dell.com/en-us/lp/dt/oem-solution>

Ports & Slots



- 1 Nano-SIM card slot (optional)
- 2 Universal audio port
- 3 USB 3.2 Gen 1 (5 Gbps) port with PowerShare
- 4 RJ45 (1 Gbps) Ethernet port
- 5 Wedge-shaped lock slot
- 6 HDMI 2.1 port
- 7 USB 3.2 Gen 1 (5 Gbps) port
- 8 (2) Thunderbolt™ 4 (40 Gbps) ports with Power Delivery and DisplayPort™
- 9 MicroSD-card slot
- 10 Smart-card reader slot (optional)

Simplify IT

Our secure and manageable offerings make IT management a breeze

SECURITY

Improve fleet-wide security with multiple layers of defense.

Reduce the attack surface and enhance long-term cyber resilience with [Dell Trusted Workspace](#)



Be secure from first boot with rigorous supply chain controls.



Maintain BIOS integrity with deep, firmware-level visibility.



Protect end-user identity from malware that looks to steal credentials.



Enrich OS-level data with PC telemetry to speed detection, response and remediation.



Layer on advanced threat protection from our ecosystem of best-of-breed software partners.



Shrink the IT-security gap with integrated hardware and software defenses.

[Learn More >](#)

MANAGEABILITY

Manage your fleet of PCs - reliably and easily

Help secure and optimize your endpoints and deliver end-user productivity with [Dell Manageability Solutions](#)

With **Dell Management Portal**, you can manage Dell PCs, over the cloud, in conjunction with Microsoft Intune.

[Dell Management Portal >](#)

Update and secure your fleet of Dell PCs, with one application – **Dell Client Device Manager**.⁵

Dell Trusted Update Experience makes it simple to update endpoints with the latest BIOS, and driver, versions. Dell is the only Top-5 PC vendor that:



Publishes² a device drivers and downloads release schedule:

IT Admins can deploy fleet-wide device updates on a predictable timeline.



Performs³ integrated validation of all driver and BIOS modules in an update:

IT Admins can expect a trusted, system compatible update deployment, across a fleet of devices.

[Learn More >](#)



Dell has the industry's first:⁵

Partner Portal accessible in Microsoft Intune, with fleet-wide BIOS password access capability and Enterprise application access and publication capabilities

Enterprise application with modular update and security deployment capabilities, within the Dell Partner Portal, accessible via Microsoft Intune

Simplify PC refresh with Dell Services

Enabling every step of the PC lifecycle

Dell Technologies APEX

1st and most comprehensive¹

As-a-service portfolio that spans from multi-cloud to client devices. Experience the flexibility to transform your IT and deploy the latest technologies at predictable costs.

Dell APEX PC-as-a-Service

Fully customizable monthly subscription that can include PCs, peripherals, software and services with no upfront investment.

[Dell APEX PC-as-a-Service \(PCAAS\) >](#)

Dell Premier

324%

ROI over 3 years⁵

Modernize IT purchasing by shopping your catalog in a tailored online solution. Gain control over the entire IT ecosystem to cut costs, standardize ordering, access analytics and more.

[Dell Premier >](#)

Asset Recovery Services

2.8B

Pounds of electronics recovered through all recovery programs since 2007²

Let Dell help you securely and responsibly retire your old IT equipment - regardless of brand - to allow for a seamless transition from old to new technology, while protecting both your business and the planet.

[Asset Recovery Services >](#)

ProDeploy Client Suite

PC refresh starts with getting new devices in the hands of your end-users. Dell ProDeploy Suite streamlines operations and increases productivity with configured PCs that are ready to use on day one with dynamic cloud-based provisioning and imaging.

When transitioning from old to new technology, ProDeploy Plus includes the ability to securely erase sensitive end-user data with sophisticated tools to sanitize devices and includes Asset Recovery Services for responsible retirement.

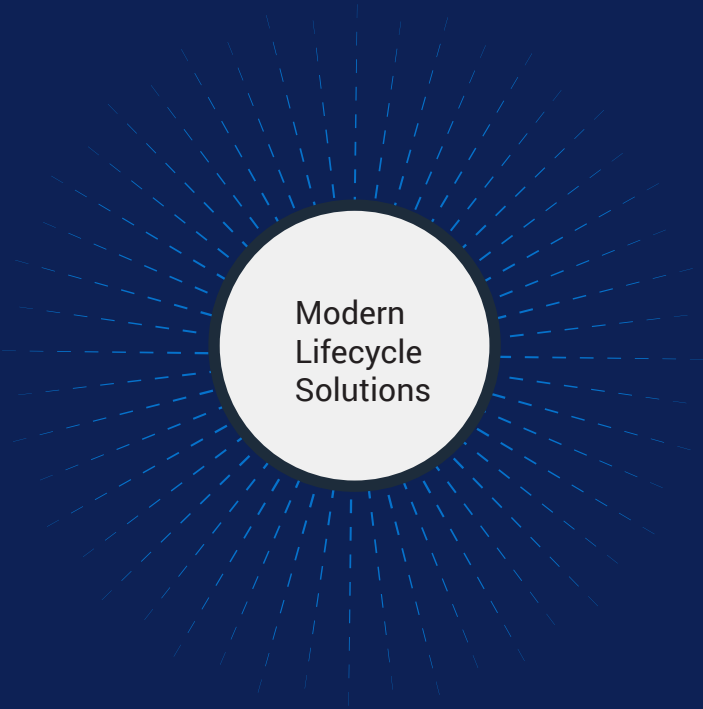
[Dell ProDeploy Client Suite >](#)

ProSupport Suite for PCs

ProSupport Suite is more than a 24/7 break-fix solution, it's a set of tools that automate and optimize your environment with little to no human intervention or end-user disruption.

Select from a robust library of Dell-authored scripts that correct company-wide issues quickly, minimizing remediation times and maintaining peak system performance. ProSupport Suite provides telemetry-driven data to arm IT with insights and make targeted updates, all controlled from a single dashboard.

[ProSupport Suite for PCs >](#)



Modern
Lifecycle
Solutions



Sustainable innovation



Built with sustainable materials

Designed with recycled materials in the chassis, up to 50% post-consumer recycled plastic in the bezel frame and speaker housing, 98% post-consumer recycled plastic in the battery frame, 50% recycled cobalt in the battery and 46% bio-based rubber feet.¹



Packaging with purpose

Ships in packaging with 100% recycled or renewable materials⁴ with multipack options for easier unboxing and reduced transportation and packaging waste.⁵



Modular and serviceable design

This laptop is designed with a modular main board and I/O board for easier access to help reduce e-waste.² World's first commercial PC design with a modular USB-C port with up to 4 times better twist resistance and up to 33 times better impact resistance, improving durability and enabling easier repairs.³

Dell also makes it easy to access and replace parts to get the most life out of our products.

[Parts, Batteries & Upgrades >](#)



Seamlessly transition from old to new technology

We can help you responsibly and securely retire your legacy IT equipment, regardless of brand, while addressing your sustainability goals.

[Asset Recovery Services >](#)





Up-level your PC experience with Dell Displays and Accessories

Fuel productivity and collaboration with a complete Dell ecosystem that is engineered and tested for a seamless experience with your Dell Pro Max 16.

**A****B****C****D****E****F**

D Dell Pro Plus Wireless ANC Headset - WL5024

E Dell Pro 14-16 Plus EcoLoop Briefcase - CC5623

F Dell Pro Webcam - WB5023

A Dell UltraSharp 32 4K Thunderbolt Hub Monitor - U3225QE

B Dell Pro Plus Keyboard and Mouse - KM7321W

C Dell Pro Thunderbolt 4 Smart Dock - SD25TB4



Dell Display and Peripheral Manager

Manage and optimize the experience of your Dell displays, docks and accessories ecosystem with one simple application.

▶ Discover more Dell desk solutions

Legal disclaimers

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1. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Owner's Manual published on www.dell.com/support.
2. System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.
3. 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.
4. Particular versions of Microsoft Windows may not support the full functionality
5. Storage Option: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
6. TPM is available in selected regions.
7. Please refer to www.epeat.net for specific country registration rating and participation.
8. Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.
9. Onsite service after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty (www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.
10. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.
11. For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information www.dell.com/support/home/us/en/19.

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1. Based on Dell internal analysis, October 2024. Applicable to PCs on Intel processors. Not all features available with all PCs. Additional purchase required for some features. Validated by Principled Technologies. [A comparison of security features](#), April 2024.
2. Dell publishes a device drivers and downloads release schedule. Source: Source: Based on internal analysis, May 2023. When comparing publicly available device drivers and downloads release schedules published by the Top 5 PC vendors, as of May 2023.
3. Dell performs integrated validation of all driver and BIOS modules in an update. Source: Based on Dell internal analysis, May 2023, of integrated validation approaches of Top 5 PC vendors, for driver and BIOS modules in an update, by currently shipping and future-state product system images.
4. Capabilities of Dell Update Processes, Dell Management Portal and Dell Manageability Solutions capabilities and integrations with 3rd Party Management Solutions, with competitor update processes, partner portal capabilities in Microsoft Intune systems management solution capabilities and integrations with 3rd party management solutions. 3rd Party Management Solutions - Microsoft Intune, Workspace ONE, are separate purchases. Intel vPro, to support out-of-band systems management, is an additional system configuration upgrade; and Dell has the industry's first:
 - a. Based on Dell internal analysis - October 2024. Based on Dell Management Portal capabilities in Microsoft Intune compared to competitor Partner Portal capabilities in Microsoft Intune.
 - b. Dell Command | Endpoint Configure for Microsoft Intune - the industry's first Binary Large Object (BLOB) package-based solution, for securely configuring & managing endpoints, using Microsoft Intune. Disclaimer: Industry's first device manageability solution to use a Binary Large Object (BLOB) package, recognized by Microsoft Intune, for secure endpoint configuration and management.
 - c. Dell Command | Intel vPro Out of Band - the industry's first hardware OEM systems management solution to integrate with Intel vPro - for remote management of systems, regardless of power-state. Disclaimer: Based on Dell internal analysis, November 2023.
5. Dell Client Device Manager application availability planned for March 2025.

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1. Based on Dell internal analysis, April 2023. Payment solutions provided to qualified commercial customers by Dell Financial Services through Dell Technologies group companies or authorized business partners. Solutions may be changed without notice and are subject to product availability, eligibility, credit approval, acceptable documentation and local applicable law. Some solutions, including end of term purchase options, may not be available or may vary by country. Within the EU, the EEA, the UK and Switzerland certain solutions are provided by Dell Bank International d.a.c. and its local branches, including by Dell Bank International d.a.c Sucursal en España in Spain. Dell Bank International d.a.c. is regulated by the Central Bank of Ireland. Dell Technologies and Dell logos are trademarks of Dell Inc.
2. ProDeploy Client Suite for PCs configures 30K PC daily. Source: Based on Dell internal analysis, April 2023.
3. ProSupport Suite for PCs saves 641 hours of IT admin time per year* (on recurring tasks for a 1,000-device fleet. *vs. a manual approach based on data extrapolated from hands-on testing). Source: Based on a Principled Technologies test report, "Simplify PC management and save IT admin time with an automated support service," dated September 2023. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <https://facts.pt/PFLu7lm>
4. Based on a Forrester Total Economic Impact™ Study Commissioned by Dell Technologies and AMD, "The Total Economic Impact™ Of Dell Premier," February 2024. Full study <https://www.delltechnologies.com/asset/en-us/solutions/premier-solutions/industry-market/tei-dell-premier-solutions.pdf>
5. Dell Technologies has recovered 2.8 billion pounds of electronics since 2007. Source: Based on Dell internal analysis of publicly available data, April 2023.
6. Payment solutions provided to qualified commercial customers by Dell Financial Services through Dell Technologies group companies or authorized business partners. Solutions may be changed without notice and are subject to product availability, eligibility, credit approval, acceptable documentation and local applicable law. Some solutions, including end of term purchase options, may not be available or may vary by country. Within the EU, the EEA, the UK and Switzerland certain solutions are provided by Dell Bank International d.a.c. and in Spain by Dell Bank International d.a.c Sucursal en España. Dell Bank International d.a.c. is regulated by the Central Bank of Ireland. Dell Technologies and Dell logos are trademarks of Dell Inc.

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1. Based on internal analysis, November 2024. Recycled cobalt applies to the 40Whr and 60Whr batteries. Post-consumer recycled plastic: 98% in the battery frame, 50% in the bezel and 30% in the speaker housing.
2. Based on internal analysis, November 2024.
3. Applies to Dell Pro, Dell Pro Plus, and Dell Pro Premium notebooks launching in 2025. Based on internal comparison of the solder connection on Latitude 7450 vs screwed connection testing data of the Dell Pro Premium laptop subject to a standard repeated axial load and a standard wrenching torque in multiple directions. New USB-C port design is as screwed on connection for easier repairs and improved durability. Read warranty information for USB-C port replacement instructions.
4. Contains up to 94.3% recycled content and up to 5.9% renewable content in the form of sustainably forested materials. Excludes optional items added to order and included in box.
5. Based on internal analysis, November 2024.
6. Based on internal analysis, November 2024. 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.