DELL Technologies



# Powerful. Secure. Semi-Rugged.

## Dell Pro Rugged 14

World’s lightest 14” semi-rugged AI PC[1]

# World's most powerful 14" semi-rugged AI PC[1]




Meet the Dell Pro Rugged 14, the smallest 14" semi-rugged AI PC[2] in the industry, designed for those who demand top-tier performance in harsh environments.

### Uncompromised power and performance

Powered by Intel® Core™ Ultra processors, this laptop delivers high-performance computing with built-in AI. Optional NVIDIA RTX 500 Ada Gen GFx graphics card makes it perfect for handling demanding applications in the field. Plus, with exceptional battery life, you can stay productive and connected longer.

### Anywhere usability

Designed for field usability with an optional bright 1100-nit screen that's viewable in direct sunlight. Hot-swappable batteries provide uninterrupted power for all-day productivity and options like 5G and Wi-Fi 7[3] ensure you stay connected wherever you are.

### Lightweight and resilient

The small and lightweight Dell Pro Rugged 14 is drop-tested from 3 feet (0.91m), temperature-tested from -20°F (-29°C) and 145°F (63°C) and carries an IP-53 certification, ensuring it performs flawlessly in harsh environments. Enhanced cold boot capabilities allow the laptop to start up reliably even in freezing temperatures as low as -20°C.

### Secure and Manageble

Reduce the attack surface and improve cyber resilience with the world's most secure rugged PCs[4] featuring unique built-in, BIOS-level security. Experience effortless management with the most manageable commercial PCs[8].

### Be ready and stay ready with services

Unleash the power of Dell's ProDeploy and ProSupport Suites, two key services for rugged PC fleets. Automated deployment and support let you modernize your IT operations, improve productivity and self-heal – no matter where work takes you.

### Responsibly made

Designed with more sustainable materials, including postconsumer recycled plastic and recycled aluminum[5]. This laptop meets high sustainability standards and is certified ENERGY STAR®[6] and EPEAT Gold with Climate+[7].

# AI-accelerated performance and efficiency



## Unlock AI-accelerated performance and efficiency with Intel® Core™ Ultra processors and Copilot in Windows 11.

### Intel® Core™ Ultra processor

The new Intel® Core™ Ultra processor delivers performance and optimized power efficiency, ready to handle the next generation of AI workloads and the versatile management options that businesses require to stay ahead of the game.
Enjoy the next generation of performance hybrid architecture for supercharged computing with a battery that lasts thanks to a three tier multi-processing unit. Business users can manage complex workloads by sending the right task to the right engine at the right time with a CPU for lightweight low-latency AI tasks, GPU for media and visual AI rendering, and NPU, a dedicated AI engine, for sustained AI and AI offload.

### AI-enhanced apps

Apps using AI run faster and smoother, delivering more battery life.

### Copilot in Windows 11

Effortlessly jumpstart your workflow with the Copilot Hardware Key on your device, saving you time by providing quick access to the tools you need to start your workday.
Copilot in Windows[1] is your AI assistant at work. Supercharge your productivity and achieve more with less time and effort, while keeping sources private and protected. Copilot brings intelligent tools to your desktop so you can get better answers, sharpen skills, find fresh solutions, and create in new ways.

**AI performance in the field**
Features Intel® Core™ Ultra processors with a dedicated NPU, allowing apps using AI to run faster and smoother in any condition.

**Enhance your productivity**
NVIDIA RTX 500 Ada Gen GFx graphics card option is perfect for professionals needing to handle demanding applications.

**Stay productivity longer**
Up to 19 hours of battery life[5].

**AI-based optimization software**
Dell Optimizer learns and responds to the way you work and is automatically designed to boost foreground apps, battery run-time, audio settings and network connection.

**World's lightest 14" semi-rugged AI PC[1]**
This lightweight laptop is versatile and makes working in the field or on the go easy.

**Designed for harsh environments**
IP-53 rated for maximum protection against dust, dirt, and water ingress and MIL-STD-810H certified.

**Enhanced cold boot capabilities**
Allows laptop to start up reliably even in frigid conditions as low as -20°C.




**Optimal field usability**
14", 1100-nit direct sunlight-viewable, glove touch-capable screen option with low blue light, for a great viewing experience.

**Hot swappable batteries**
Provide uninterrupted productivity and are backwards compatible with previous generation rugged laptops.

**Handle demanding applications**
DDR5 memory up to 64GB and up to 2TB of SSD storage.

**Removable SSD storage**
Easily accessible for simple transfer of data and enhanced security.

**Most manageable[4] commercial PC**
Helps your IT Admins save time, money, PCs and resources when managing a fleet of PCs.

**Sustainable materials**
Ships with an adapter made with post-consumer recycled plastic and recycled aluminum.

**Private 5G connectivity**
Work seamlessly in the field with secure and reliable mobile broadband options as well as standard discrete GPS support.

**Wi-Fi 7[2] option**
Stay connected at the industry's fastest speeds.

**FirstNet Ready™**
First responders and public safety organizations can get priority access to the fast, reliable, and high-capacity LTE network core.

**Configurable port option**
Customize with a choice of RS-232, RJ-45, USB Type-A, or Fischer USB 3.0 to meet the needs of your workforce.

**World's Most Secure Rugged PCs[3]**
**Dell-exclusive built-in security:**

- Indicators of Attack and off-host BIOS/firmware verification to detect tampering at the device-level, validated by Principled Technologies.
- PC telemetry integrates with industry-leading software to improve fleet-wide security.
- SafeID, unique hardware-based security for protecting end-user credentials.
- Secured Component Verification to help ensure PCs are secure from factory to first boot.

**Dell and Intel reduce the attack surface**
The latest Intel vPro-based PCs provide an estimated 70% attack surface reduction.

# Recommended Accessories



### Dell Nylon Handle

Carry your rugged laptop with the lightweight nylon handle that attaches easily and securely.



### Dell Shoulder Strap

Ergonomic strap that attaches to the corner tethers of your laptop for enhanced portability.



### Dell Rigid Handle

Boost comfort and productivity with a rigid handle that comes attached securely to your laptop.



### Dell USB-C Dock - WD19S 130W

Do your best work faster with a dock that offers the ability to connect to monitors and peripherals all with a single connection to the PC.



### Dell Rugged Escape Backpack

The ultimate protection in the field. Made with durable material, it also provides extra storage for field accessories.



### Dell Mobile Battery Charger

Charge your hot swappable batteries using this dual bay charger, with optional wall mount.



### Havis Vehicle Dock

Outfit your entire fleet of vehicles with a single docking solution. Adjusts to fit your vehicle space with a full suite of mounting options.



### Gamber-Johnson Vehicle Dock

Mount your notebook in your vehicle with a reduced weight cradle featuring guide hooks on the bottom for proper connection.



### PMT Vehicle Dock

A versatile and efficient docking solution that offers customizable connectivity, an eco-friendly design, and advanced compatibility.



# Sustainability on Dell Pro Rugged 14

**Designed with recycled materials**

This Rugged device is powered for sustainability with an adapter made with 95% post-consumer recycled plastic in the case and 98% recycled aluminum in the heat sink.[1]

**Packaging Innovation**

Ships in packaging made with 95% recycled or renewable content[2].

**Environmental Certifications & Registrations**

Certified ENERGY STAR®3 and registered EPEAT Gold with Climate+. With Climate+, this laptop has met criteria for climate change and reduced greenhouse gas emissions.[4]

**Upgrade & Repair**

Use your system for longer. Dell provides several options to assist customers with updating hardware, diagnosing issues, and replacing parts allowing you to consume your device more responsibly.[13] Access select spare parts and guides to self-repair on Dell.com.

**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.

Learn more

# Simplify IT

Our most secure[1] and most[6] 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

Dell offers the world's most secure rugged PCs[1] with protections competitors cannot match:

**Be secure from first boot**

Rigorous, state-of-the-art supply chain controls and Dell-unique Secured Component Verification reduce the risk of product tampering.

**Spot ticking timebombs**

Early-alert feature Indicators of Attack, offered only by Dell, scans for behavior-based threats. Dell-unique Common Vulnerabilities and Exposures (CVE) Detection monitors for publicly reported BIOS security flaws and recommends updates to mitigate risk.

**Stay protected from evolving threats**

Only Dell offers off-host BIOS and firmware verification, providing greater security than other PCs, validated by Principled Technologies. The latest Intel vPro®-based PCs provide an estimated 70% attack surface reduction.[4]

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

Only Dell integrates device telemetry with industry-leading software to improve fleet-wide security.

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 the Dell Management Portal, you can manage and secure Dell PCs, over the cloud, in conjunction with Microsoft Intune

Learn More ›

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

**Publishes[2] a device drivers and downloads release schedule:**
IT Admins can deploy fleet-wide device updates on a predictable timeline.

**Performs[3] 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]**

- Binary Large Object (BLOB) package-based solution using Microsoft Intune
- Systems Management Solution to integrate with Workspace ONE
- Hardware OEM systems management solution to integrate with Intel vPro®

# Legacy, scale and innovation

Dell Technologies is your trusted partner for the future of work

### Dell Technologies APEX

**1st**

**and most comprehensive**[1]

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**

Spanning from multi-cloud to client devices, APEX PC-as-a-Service unlocks capital so you can invest in the latest technology with no upfront investment. Seamlessly deploy, secure, manage, support and responsibly retire devices as part of your subscription.[7]

Learn more>

### AI-driven support services

**36TB**

Telemetry data processed per day[2]

Evolving with you, using machine learning and an AI engine that learns fast. Trust Dell Technologies to deliver hyper-efficient, automated IT support, drawn from decades of AI experience and top-ranked services.

Learn more>

### ProDeploy Client Suite for PCs

**30K+**

PC's configured daily[3]

For organizations of any size, find the right-sized deployment solution to solve an array of IT needs.

35 years of deployment expertise from Dell ensures seamless experiences for configuration, imaging, and provisioning; as well as asset tagging and warehousing.

Learn more>




### Asset Recovery Services

**2.6B**

Pounds of electronics recovered since 2007[6]

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.

Learn more>

### Dell Premier

**324%**

ROI over 3 years[5]

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.

Learn more>

### ProSupport Suite for PCs

**641**

Hours of admin time saved per year[4]

With advanced telemetry and AI, IT teams can remotely manage the health of their Dell fleet, anticipate and resolve issues and automate PC updates.

Learn more>

Payment solutions provided and serviced by Dell Financial Services L.L.C. or its affiliate or designee ("DFS") for qualified customers. Offers may not be available or may vary in certain countries. Where available offers may be changed without notice and are subject to product availability, applicable law, credit approval, documentation provided by and acceptable to DFS and may be subject to minimum transaction size. Offers not available for personal, family or household use. Dell Technologies and the Dell Technologies logo are trademarks of Dell Inc. Restrictions and additional requirements may apply to transactions with governmental or public entities. Dell APEX PCaaS: At the end of the contract, the customer may renew the contract or return the equipment to DFS.

| FEATURE | TECHNICAL SPECIFICATION |
|---|---|
| MODEL NUMBER | RB14250 |
| PROCESSOR OPTIONS[1] | Intel® Core™ Ultra 5 125U, 12 MB cache, 12 cores, 14 Threads, Up to 4.30 GHz, 15 W<br>Intel® Core™ Ultra 5 135U, 12 MB cache, 12 cores, 14 Threads, Up to 4.40 GHz, 15 W<br>Intel® Core™ Ultra 7 165U, 12 MB cache, 12 cores, 14 Threads, Up to 4.90 GHz, 15 W |
| OPERATING SYSTEM OPTIONS[1] | Windows 11 Home, 64-bit<br>Windows 11 Pro, 64-bit<br>Ubuntu Linux |
| MEMORY OPTIONS[1,2,3] | 8 GB / 16 GB / 32 GB / 64 GB DDR5, 5600 MHz SoDIMM, non-ECC, dual-channel |
| GRAPHICS[7] | Integrated: Intel® Iris® Xe graphics<br>Discrete (optional): NVIDIA RTX500 Ada Gen, 4GB GDDR6 (Available with 7 CPU only) |
| DISPLAY[1] | 14.0" FHD, 1920 x 1080, 60 Hz, anti-glare, non- touch, 400 nits, 100% sRGB, wide-viewing angle screen, LBL<br>14.0" FHD, 1920 x 1080, 60 Hz, touch, 1100 nits, 100% sRGB, wide-viewing angle, LBL, outdoor viewable screen (optional) |
| STORAGE OPTIONS[1,5] (SINGLE/PRIMARY STORAGE ONLY) | 256 GB / 512 GB / 1 TB M.2 2230, PCIe NVMe SSD, Class 35<br>256 GB M.2 2230 M.2 2230, PCIe NVMe SSD, self-encrypting drive, Class 35<br>512 GB / 1 TB / 2 TB M.2 2280, PCIe NVMe SSD, self-encrypting drive, Class 40 |
| AUDIO | Stereo speakers with Waves MaxxAudio® Pro, 2 W x 2 = 4 W total (Realtek® ALC3254) |
| BATTERY | 3-cell, 53.5 Wh, lithium ion, ExpressCharge™ (supports up to two hot-swappable batteries)<br>3-cell, 53.5 Wh, lithium ion, Long Life Cycle (supports up to two hot-swappable batteries) |
| POWER | 65 W AC adapter, USB-C<br>100W AC adapter, USB-C<br>100W 461G AC adapter, USB-C |
| CONNECTIVITY | Wireless Options[4]:<br>Intel® Wi-Fi 6E AX211, 2x2 MIMO, 2400 Mbps, 2.4/5/6 GHz, (WiFi 802.11ax) with optional Bluetooth<br>Intel® Wi-Fi 7 BE200, 2x2 MIMO, 5760 Mbps, 2.4/5/6 GHz, (WiFi 802.11ax) with optional Bluetooth<br>Optional Mobile Broadband Options:<br>Qualcomm Snapdragon X62 5G, Up to 3.5 Gbps<br>Qualcomm Snapdragon SDX12 4G LTE, Up to 600 Mbps<br>GPS: Discrete U-BLOX GPS (optional)<br>Configurable Triple Pass-Through[12] |
| CAMERA | No camera + No microphone option<br>720p at 30 fps, HD RGB camera (optional)<br>1080p at 30 fps, FHD RGB/IR camera (optional) |
| KEYBOARD | Internal sealed non-backlit<br>Internal sealed RGB backlit (optional)<br>Rubberized backlit keyboard (optional) |
| PORTS, SLOTS & PERIPHERALS | Ports: RJ45 Ethernet port[1], USB 3.2 Gen 1 port[1], USB 3.2 Gen 1 port with PowerShare[1], Thunderbolt 4/USB 4 Type-C port with PowerDelivery 3.0[1], Thunderbolt 4/USB 4 Type-C port with PowerDelivery 3.0 (1 - Optional), HDMI 2.1(TMS only, up to 18 Gbps)[1], RS232 serial port[1], Combo headphone & microphone port[1], Optional I/O bay - choose from: RJ-45/USB Type-A/Native Serial/Fischer USB 3.0 9-pin/blank<br>Slots: Micro SD card slot[1], Nano SIM card slot[1], Smart card reader slot (1 - optional), Contactless card reader (1 - optional), Kensington lock slot[1] |
| SECURITY[1,6] | Steel reinforced cable lock slot, Optional Security includes: Fingerprint reader, Contactless or Contacted SmartCard reader, TPM 2.0, ControlVault™ advanced authentication, Dell Security Tools, Dell Data Protection \| Encryption, NIST SP800-147 secure platform, Dell Backup and Recovery |
| DIMENSIONS & WEIGHT | Height: 1.32 in (33.6 mm) Width: 13.38 in (340 mm)<br>Depth: 8.66 in (220 mm)<br>Starting at 4.49 lb (2.04kg) |
| REGULATORY[7,11] AND ENVIRONMENTAL COMPLIANCE | Regulatory model: P148G Regulatory type: P148G001 Energy Star 8.0, EPEAT Gold<br>MIL-STD-810H testing: Transit drop 36"/.91m; single unit; 26 drops, operating drop (36"/0.91m), blowing dust, vibration, functional shock, humidity, altitude, thermal extremes<br>Operating thermal range**: -20°F to 145°F (-29°C to 63°C);<br>Non-operating range: -60°F to 160°F (-51°C to 71°C)<br>IEC 60529 ingress protection[1]: IP-53 (dust-protected, protected against splashing water from any direction) |
| WARRANTY AND SERVICE[8,9] | Limited Hardware Warranty[9,10] Standard 3 year Mail-in Service[10,11] after Remote Diagnosis[10,11], optional 3-5 year Dell ProSupport & ProSupport Plus contracts and optional Next-Business-Day Service available[10,11] , optional 3-5 year Accidental Damage Service |

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**Leading the industry in sustainable practices to reduce the environmental impact of our products and packaging.**
**Learn more:** Dell.com/sustainable-devices

| FEATURE | TECHNICAL SPECIFICATION | DESCRIPTION |
|---|---|---|
| SUSTAINABLE MATERIALS[1] | **Post-consumer recycled plastic (PCR) - power adapter:** (65-Watt): 95% in adapter case and AC inlet (100-Watt): 90% in adapter case | Post-consumer recycled plastic is plastic waste generated by households, industrial, commercial or institutions repurposed in the design. Closed loop plastic is reclaimed plastic from any disposed IT product repurposed in the design. |
| | **Recycled aluminum - power adapter:** (65-Watt): 98% recycled aluminum in thermal shielding | Recycling aluminum helps divert material from landfills, where it would otherwise contribute to the growing problem of waste disposal. Aluminum is durable and does not degrade during the recycling process, making it a material that can be recycled repeatedly. |
| | **Recycled copper - power adapter:** (100-watt): 50% recycled copper in adapter cable | Recycling copper helps preserve finite natural resources because it reduces the need for extensive mining and extraction of copper ore that is a more energy intensive process. |
| | **Recycled or renewable packaging: materials:** 95% recycled or renewable packaging | Using recycled or renewable materials lowers waste and helps lower environmental impact. Materials may include recycled content and/or renewable content, in the form of sustainably forested fibers. |
| ECO-LABELS[1] | **EPEAT CLIMATE+™** YES | This is a product level designation for EPEAT-registered products which meet the industry's best climate criteria. |
| | **EPEAT** GOLD | Meeting globally recognized eco-label certifications for sustainable IT, our customers can trust that Dell products adhere to the highest energy-efficiency specifications and other climate-related standards. Product registry: https://www.epeat.net/ |
| | **ENERGY STAR 8.0** YES | Energy Star 8.0 is a specification recognizing the most energy-efficient PC's, backed by Environmental Protection Agency (US). |
| ASSET RECOVERY SERVICES[6] | **Asset Recovery Services:** Yes | Asset Recovery Services helps our customers resell, recycle or return-to-lease legacy IT equipment in a secure and sustainable manner, while unlocking value that can be put towards future innovation. |
| GLOBAL | US CEC MEPS | |
| REGULATORY[4,6] | Product Safety, EMC and Environmental Datasheets<br>Dell Regulatory Compliance Home Page<br>Dell and the Environment<br>Arsenic free, halogen free | |
| GLOBAL COMPLIANCE | For global compliance and worldwide regulations, please visit dell.com/support. | |

**Dell Optimizer, our AI-based optimization software, learns and responds to the way you work providing improved application and device performance, clearer audio and more.**
**Learn more:** Dell.com/Optimizer

| FEATURE | TECHNICAL SPECIFICATION | DESCRIPTION |
|---|---|---|
| DELL OPTIMIZER | Power Optimization | Intelligent features to protect battery life and delivery energy savings. AI-based Dynamic Charge Policy adapts to usage behavior to apply optimal charge setting. Intelligent Battery Extender preserves runtime by making system adjustments when battery is low. Advanced Charge will charge battery before start of day and prevent overcharging. ExpressCharge will provide up to 90% charge in one hour.* Select lower energy-cost times of day to charge with Peak Shift. Thermal settings (optimized, cool, quiet, ultra performance) to balance PC performance and fan noise. Battery health report. Critical firmware alerts and notifications. (*Disclaimer: *Based on A Principled Technologies Report commissioned by Dell that ran PC performance benchmarks on Dell Latitude 9430 laptops and OptiPlex 7400 all-in-one desktop PCs: Improve PC app performance, battery charging, and end-user experiences with Dell Optimizer, June 2023). |
| | Intelligent Audio | AI-based neural noise technology removes intrusive background sounds, echoes, and reverb caused by room acoustics from all ends of conference calls as well as mutes all background noises when no speech is detected. Will also provide automated tuning for optimized sound quality and on-screen notifications if voice quality drops in conference calls. |
| | Network Optimization | Automatically switches to the best allowable Wi-Fi network when congestion is detected and uses multiple wired and wireless network connections to transfer data up to 2x faster and improve download speed.* Allocates the maximum bandwidth to conference application when you are on a call. (*Disclaimer: *Based on A Principled Technologies Report commissioned by Dell that ran PC performance benchmarks on Dell Latitude 9430 laptops and OptiPlex 7400 all-in-one desktop PCs: Improve PC app performance, battery charging, and end-user experiences with Dell Optimizer, June 2022). |
| | Intelligent Ecosystem | Convenient access to Dell Peripheral Manger and Dell Display Manager for customization settings and controls for your Dell Peripherals and your Dell Monitor. |

**Improve fleet-wide security with hardware and software protections from Dell Trusted Workspace.**
**Learn more:** Dell.com/endpoint-security

| FEATURE | TECHNICAL SPECIFICATION | DESCRIPTION |
|---|---|---|
| HARDWARE & FIRMWARE SECURITY (INCLUDED) | Dell SafeBIOS | Collection of tools provided by Dell and Intel that help prevent BIOS attacks, detect if the BIOS has been compromised, and respond by alerting IT if irregularities are found. Installation of DTD App required to maximize SafeBIOS protections. |
| | Dell Trusted Device Application (DTD App) | Dell software that provides unique SafeBIOS protections. Generates insights into the security state of a platform, monitoring changes to BIOS attributes, detecting possible tampering of BIOS firmware and more. Enables telemetry integration with Dell-owned TechDirect and popular third-party security and endpoint management solutions, including Microsoft Intune, CrowdStrike and Splunk. |
| | BIOS Verification | Verify the integrity of the BIOS with tamper detection and secure, off-host BIOS image capture. |
| | Indicators of Attack | Scan for behavior-based threats for early detection. |
| | Common Vulnerabilities & Exposures (CVE) Detection | Identify and address known BIOS vulnerabilities and and provides recommendations how to fix them. |
| | Secured Component Verification | Additional supply chain assurance. Paid-add on. See below section for details. |
| | Intel ME Verification | Verify the integrity of the Intel Management Engine using a secure off-host source. |
| | Dell SafeID with TPM | Secure end-user credentials with a hardware-based security solution that provides a hardened and secure bank for storing and processing user credentials. Options include:<br>• TPM 2.0 discrete FIPS 140-2 certification<br>• TPM 2.0 discrete FIPS 140-3 certification<br>• TCG Certification |
| | Fingerprint reader | Fingerprint reader in the Power button used to secure end-user credentials. Dependent on model. Standard options include:<br>• Windows Hello-supported fingerprint reader<br>• Fingerprint Reader Power Button secured by ControlVault 3+<br><br>Optional paid add-on available for select models:<br>• FIPS 201 Full Scan Fingerprint Reader secured by ControlVault 3+ |

**Improve fleet-wide security with hardware and software protections from Dell Trusted Workspace.**
**Learn more:** Dell.com/endpoint-security

| FEATURE | TECHNICAL SPECIFICATION | DESCRIPTION |
|---|---|---|
| HARDWARE & FIRMWARE SECURITY (OPTIONAL) | Dell SafeID with ControlVault 3+ | Secure end-user credentials with a unique hardware-based security solution that provides a hardened and secure bank for storing and processing user credentials. Dependent on model. Options include:<br>• Supports Windows Hello Enhanced Secure Sign-in Security<br>• Supports Contacted Smartcard, Contactless Smartcard, and NFC<br>• FIPS 140-3 (level 3 certification in process), EMV and PCI certified<br>• FIPS 201 Compliant Personal Identity Verification (PIV)<br>• Large storage capacity for authenticating credentials on multi-user devices |
| | Intel Hardware Shield | Delivers hardware-enhanced security features that help protect all layers in the computing stack, including Intel BIOS Guard, Intel Boot Guard, and more. Requires Intel vPro. |
| | Dell Secured Component Verification | Provides assurance that the device and its components remain secure from factory to first boot. On-device and cloud-based options available. Feature dependency based on model and region. |
| | Tamper-evident packaging | Detect tampering with this supply chain assurance offering. Availability varies by region. |
| | Hard drive wipes | Sanitize the hard drive in accordance with National Institute of Standards and Technology (NIST) guidelines with this supply chain assurance offering. Availability varies by region. |
| | Kensington Security Slot™ | Chassis switch that is triggered when hardware tampering is detected. |
| | Firmware Device Tamper Detection | New SPI Flash Anti-Tamper technology which detects and prevents tampering with BIOS SPI flash chips on the motherboard. |
| | Kensington Security Slot™ | Device locking option helps reduce the risk of a data breach. Spec varies by model. Options include:<br>• Dell Fixed Workstations (Desktops): Kensington Security Slot™: Standard/T-bar<br>• Dell Laptops: Kensington Security Slot™: Wedge |
| | OPAL drive / Self-encrypting drive (SED) | Hardware-based full disk encryption that protects user data without storing encryption keys in RAM where it can be accessed by malicious parties. |
| SOFTWARE SECURITY (OPTIONAL) | Dell SafeGuard & Response: CrowdStrike, Secureworks* | Threat prevention, detection, response and remediation. |
| | Dell SafeData: Absolute | PC geolocation and control; application & networks self-healing. |
| | Dell SafeData: Netskope* | Cloud and network data protection. |
| | *Available for volume licensing. Learn more how our by-volume offershelp secure Dell and non-Dell fleets alike: https://www.dell.com/en-us/lp/volume-license-software-for-business | |

**Securely manage & optimize your endpoints and deliver end-user productivity with Dell Manageability Solutions.**
**Learn more:** Dell.com/command

| FEATURE | TECHNICAL SPECIFICATION | DESCRIPTION |
|---|---|---|
| MANAGEABILITY SOLUTIONS (INCLUDED) | Dell Client Command Suite | Streamline how you deploy drivers, configure BIOS, monitor devices, and manage updates. |
| | Dell Trusted Update Experience | Simplify how you update your endpoints with latest BIOS, driver, and firmware versions. |

**Modernize IT with comprehensive lifecycle services and support.**
**Learn more:** Dell.com/support

| FEATURE | TECHNICAL SPECIFICATION | DESCRIPTION |
|---|---|---|
| SUPPORT SERVICES (OPTIONAL) | ProSupport for PCs | Hardware break/fix with next business day service, 24x7 in-region technical technical support on hardware and software issues. Includes access to SupportAssist for proactive issue resolution and AI-powered fleet insights. |
| | ProSupport Plus for PCs | Hardware break/fix with next business day service, 24x7 priority access to in-region technical support for hardware and software issues PLUS Accidental Damage coverage, Keep Your Hard Drive and a Service Account Manager (with 500 devices). Includes access to SupportAssist for proactive and predictive automations and AI-powered fleet insights. |
| | ProSupport Flex for PCs | Hardware break/fix with next business day service, 24x7 in-region technical support on hardware and software issues and a Service Account Manager plus the OPTION to choose Accidental Damage coverage or Keep Your Hard Drive. Includes access to SupportAssist for proactive and predictive automations and AI-powered fleet insights. |
| DEPLOY SERVICES (OPTIONAL) | ProDeploy Essentials for Client | From initial PC setup and preparation to data transfer, whether remote or onsite, ProDeploy Essentials is geared toward limited interruption for the end user. |
| | ProDeploy for Client | ProDeploy partners with IT to apply common customization of hardware settings and software so systems meet IT specifications for security, software and network protocols. |
| | ProDeploy Plus for Client | With ProDeploy Plus, we bring it all together to take care of end-user needs and efficiently meet IT specifications while working with IT teams to plan, configure and deploy systems that are ready-to-work, using modern solutions. |
| | ProDeploy Flex for Client | ProDeploy Flex allows customers with specific deployment needs to mix and match standardized options to fit their needs. |
| | Asset Recovery Services | Securely and responsibly retire legacy IT equipment and unlock value to fund new innovation and help your business grow. |
| | Ready Stock | Warehouse your products at our facility for up to 180 days and take delivery on the day and time that best meets your needs. Schedule your IT resources to be in place when you need them — on the exact day the new systems arrive. Available in NA and EMEA. |
| | Configuration Services | We load your image, install applications, configure BIOS settings, partition your hard drive and apply asset tags all prior to shipping. So your systems arrive at your site already configured and ready for work. And now, we can perform these services faster than ever. |
| MANAGE SERVICES (OPTIONAL) | Lifecycle Hub | Combines warehousing and inventory management with configuration services and deployment expertise into one end-to-end solution. With included return, repair, and refurbishing services, Dell Lifecycle Hub helps keep employees working, maximizes use of device inventory and frees up IT resources to focus on business priorities. Available in US, Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Poland, Portugal, Slovakia, Spain, Sweden, UK. |
| | Managed Detection and Response Pro Plus | A fully-managed, 360-degree security operations solution designed to prevent threats, quickly detect and contain attack attempts, and help recover your IT environment in the event of a breach. |
| WARRANTY | 1 Year Basic Warranty with Hardware Onsite Service<br>2-5 Year Basic Warranty Extension | |
| SERVICES TERMS | 1-5 Year ProSupport Next Business Day Onsite Service<br>1-5 Year ProSupport Plus for Client | |
| ACCIDENTAL DAMAGE | 1-5 Year Accidental Damage Services | |

**Disclaimers**

**Page No 1**

**1.** Based on internal analysis, August 2024.

**Page No 2**

1. Based on internal analysis, August 2024.
2. Based on internal analysis, August 2024.
3. Wi-Fi 7 certified products will roll out in accordance with the Wi-Fi Alliance certification schedule throughout 2024. WiFi 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/ 6E connectivity (6 GHz) with Windows 11 is limited and will leverage prior generation of Wi-Fi 6E/ Wi-Fi 6 speeds until drivers are available and hardware adoption increases. Ubuntu OS will not support Wi-Fi 7 and will operate on WiFi 6E/6 speeds when configured for WiFi 7. Router requires a separate purchase. Wi-Fi 7/ 6E (6 GHz) connectivity is only available in select locations. Check availability with your service provider. The Bluetooth wireless card version may vary depending on the operating system that is installed on your computer.
4. Based on Dell internal analysis, August 2024. Applicable to Rugged PCs on Intel processors. Not all features available with all PCs. Additional purchase required for some features.
5. Based on internal analysis, November 2023. 95% recycled plastic in the case and AC inlet and 98% recycled aluminum in the adapter shielding and thermal module.
6. Based on internal analysis, July 2024.
7. Based on internal analysis, July 2024.EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
8. Based on Dell internal analysis, January 2024. Most-manageable commercial PCs when comparing the systems management capabilities of Dell Update Processes, Dell Manageability Solution capabilities and integrations with 3rd Party Management Solutions, with competitor update processes, 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.

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1. Timing of feature delivery and availability varies by market and device. Use Copilot with a Microsoft Account or use Copilot with commercial data protection at no additional cost by signing into a work or school account (Microsoft Entra ID) with Microsoft 365 E3, E5, F3, A3 or A5 for faculty, Business Premium, and Business Standard.

**Page No 4**

1. Based on internal analysis, August 2024.
2. Wi-Fi 7 certified products will roll out in accordance with the Wi-Fi Alliance certification schedule throughout 2024. WiFi 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/ 6E connectivity (6 GHz) with Windows 11 is limited and will leverage prior generation of Wi-Fi 6E/ Wi-Fi 6 speeds until drivers are available and hardware adoption increases. Ubuntu OS will not support Wi-Fi 7 and will operate on WiFi 6E/6 speeds when configured for WiFi 7. Router requires a separate purchase. Wi-Fi 7/ 6E (6 GHz) connectivity is only available in select locations. 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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5. Mobile Mark 2025 benchmark: Tested with Intel MTL-U i5 vPro 135U, 8GB RAM, 512GB PCIe SSD, Windows 11, FHD Touch at 1100 Nits, and 107 Whr battery. Battery life is based on Mobile Mark 2025 benchmark test, available at www.bapco.com. Test results are for comparative purposes only. 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.

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1. Based on internal analysis, February 2024
2. Contains 88% recycled content and 7% renewable materials. Renewable materials in the form of sustainably forested materials.Percentages may vary slightly by region[and formfactor]. Excludes optional items added to order and included
3. Based on internal analysis, July 2024.
4. Based on internal analysis, July 2024.EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

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1 Based on Dell internal analysis, August 2024. Applicable to Rugged PCs on Intel processors. Not all features available with all PCs. Additional purchase required for some features.
2. When comparing publicly available device drivers and downloads release schedules published by the Top 5 PC vendors, as of May 2023. Based on internal analysis, May 2023.
3. 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. The latest Intel vPro platform–based PCs provide an estimated 70 percent attack surface reduction compared to four-year-old devices. Source: IOActive. "13th Generation Intel Core Attack Surface Study." Commissioned by Intel. March 2023. intel.com/content/www/us/en/architecture-and-technology/vpro/hardware-shield/13th-gen-attack-surface-study-summary-report.htm
5. Industry's first device manageability solution to use a Binary Large Object (BLOB) package, recognized by Microsoft Intune, for secure endpoint configuration and management. Based on Dell analysis, July 2023. Based on Dell internal analysis – November 2023.
6. Based on Dell internal analysis, January 2024. Most-manageable commercial PCs when comparing the systems management capabilities of Dell Update Processes, Dell Manageability Solution capabilities and integrations with 3rd Party Management Solutions, with competitor update processes, 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.

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1. Dell Technologies APEX offers the 1st and most comprehensive As-a-service portfolio that spans from multi-cloud to client devices. Source: 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 nternational d.a.c. is regulated by the Central Bank of Ireland. Dell Technologies and Dell logos are trademarks of Dell Inc.
2. Dell Technologies processes 36TB of telemetry data per day. Source: Based on Dell internal analysis, November 2023.
3. ProDeploy Client Suite for PCs configures 30K PC daily. Source: Based on Dell internal analysis, April 2023.
4. 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/PELu7lm
5. Based on a Forrester Total Economic Impact™ Study Commissioned by Dell Technologies and AMD, "The Total Economic Impact™ Of Dell Premier," February 2024. Forrester surveyed 207 respondents with experience using Premier from ten different countries and conducted in-depth interviews with six procurement professionals at four organizations to quantify the benefits and investments associated with Dell Premier. These findings were aggregated into a 25,000-employee composite organization to create a three-year financial model that calculates the likely ROI a company should expect by adopting Dell Premier. Actual results may vary. Full study https://www.delltechnologies.com/asset/en-us/solutions/premier-solutions/industry-market/tei-dell-premier solutions.pdf
6. Dell Technologies has recovered 2.6 billion pounds of electronics since 2007. Source: Based on Dell internal analysis of publicly available data, April 2023.
7. Payment solutions provided and serviced by Dell Financial Services L.L.C. or its affiliate or designee ("DFS") for qualified customers. Offers may not be available or may vary in certain countries. Where available offers may be changed without notice and are subject to product availability, applicable law, credit approval, documentation provided by and acceptable to DFS and may be subject to minimum transaction size. Offers not available for personal, family or household use. Dell Technologies and the Dell Technologies logo are trademarks of Dell Inc. Restrictions and additional requirements may apply to transactions with governmental or public entities. Dell APEX PCaaS: At the end of the contract, the customer may renew the contract or return the equipment to DFS.

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1. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Technical Guidebook 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 Bluetooth 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.
12. 5G signal will pass-through as 4G.

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