THINNER AND LIGHTER

The semi-rugged notebook with a starting weight of just 4.9 lbs (2.22kg). Upgraded with powerful 8th Generation Intel Core Processors and boasting up to 2TB of fast, reliable, and high performance solid state storage, this semi-rugged laptop can tackle the most demanding tasks.

GO-ANYWHERE PRODUCTIVITY

A crisp, bright, 14" FHD resolution outdoor-viewable display lets you work in direct sunlight while the glove-capable touchscreen remains responsive even if you have to wear protective gear. All day productivity is easy with optional dual hot-swap batteries for endless power. The Latitude 5420 Rugged is FirstNet Ready™ with Band 14.

AWARD WINNING SERVICE

Have peace of mind and trust that your mission critical rugged PC is well-protected with coverage options such as Dell’s signature Pro Support Plus. With premium support service featuring 24/7 access to the most experienced technicians, downtime is a thing of the past.

SECURITY KNOWS NO BOUNDARIES

Security matters even more in the field. With Dell Data Protection on your rugged notebook, you can rest easy knowing you have comprehensive encryption, advanced authentication, and leading-edge malware protection built right in. It doesn’t get any more simpler.
# Features & Technical Specifications

## LATITUDE 5420 RUGGED

<table>
<thead>
<tr>
<th>Feature</th>
<th>Technical Specification</th>
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<tr>
<td>Model Number</td>
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| Processor Options             | 8th Gen Intel® Core™ i5, i7 quad-core processors + vPro™<sup>TM</sup>  
7th Gen Intel® Core™ i3 dual-core processors |
| Operating System              | Microsoft® Windows 10 Pro 64 bit, Microsoft Windows 10 Pro |
| Memory Options<sup>7</sup>    | 8GB, 16GB, or 32GB 2400MHz DDR4 Non-ECC |
| Graphics<sup>8</sup>          | Integrated Intel HD 620 and UHD 620 Graphic options  
AMD Radeon™ S40 and RX540 Graphic options |
| Display                       | 14" FHD WVA (1920 x 1080) 16:9 Anti-Glare display; Optional Direct-View outdoor readable display with optional glove capable touchscreen |
| Storage Options<sup>8</sup>   | 126GB, 256GB, 512GB, 1TB, 2TB PCIe NVMe Solid State Drive Class 40  
256GB, 512GB, 1TB PCIe NVMe Self Encrypting Drive Class 40 |
| Optical Drive Options         | External Options Only |
| Multimedia                    | High-quality speaker, integrated noise-reducing microphones, stereo headphone/microphone combo jack, optional integrated FHD video web or IR camera with privacy shutter |
| Battery                       | 3-cell (51 Whr) lithium-ion battery, optional second 3-cell (51 Whr) lithium-ion battery supporting hot-swap. |
| Power                         | 90whr Rugged Elbow A/C Adapter, Optional additional 130W AC adapter |
| Connectivity                  | 10/100/1000 gigabit Ethernet and triple RF-pass through (GPS, mobile broadband and Wi-Fi)  
**Wireless LAN Options**: Intel® Dual Band Wireless AC 8265 (802.11ac) 2x2 with Bluetooth 4.2, Intel® Dual Band Wireless AC 8265 (802.11ac) 2x2 (No BT) or Qualcomm® QCA61x4A 802.11ac Dual Band (2x2) Wireless Adapter+ Bluetooth 4.2  
**Optional Mobile Broadband Options**: Qualcomm® Snapdragon™ X20 LTE (DW5821e) FirstNet® with Band 14, Verizon, Sprint (US), Vodafone, Orange, Telefonica-02 (WW), Deutsche Telekom, Swisscom (EU), Telstra, Optus, Docomo, KDDI (APAC), CMCC/CUCC/CTCC (China)  
**GPS**: Optional dedicated u-blox NEO-M8 GPS card |
| Ports, Slots & Peripherals    | **Ports**: USB 3.1 Gen1 Type A (2) & USB 3.1 Gen1 Type A (1) with closeable port door when mini USB receiver inserted  
USB 3.1 Gen 2 Type-C (1) with Power Delivery (PD) - supports power and display, native RS-232 serial port (1), RJ-45 gigabit Ethernet network connector (1), HDMI (1) and Universal Audio Jack. Optional: RJ-45 gigabit Ethernet network connector (1) and 2<sup>nd</sup> Serial, VGA, Display Port or Fischer USB  
**Slots**: SD and SIM card slot  
**Optional docking and peripherals**: Pogo-pin connectors for Docking/keyboard (bottom), Desk dock, Third-party vehicle docking solutions, Dell Business Dock |
| Dimensions & Weight<sup>11</sup> | **Dimensions**: 347.0 x 244.5 x 32.8mm (excludes bumpers and handle)  
**Weight**: Starting at 4.9lbs (2.22kg) with a single 3 cell battery and no handle |
| Regulatory and Environmental Compliance | **Regulatory model**: P85G  
**Regulatory type**: P85G001  
**Energy Star 7.0, EPEAT Silver** |
| MIL-STD-810G/H testing<sup>4</sup> | **Transit drop**: 36"/91cm; single unit; 26 drops, operating drop (36"/0.91m), blowing dust, vibration, functional shock, humidity, altitude, thermal extremes  
**Operating thermal range**: -20°F to 140°F (-29°C to 60°C);  
**Non-operating range**: -60°F to 160°F (-51°C to 71°C)  
**IEC 60529 ingress protection**: IP-53 (dust-protected, protected against splashing water from any direction) |
| Systems Management            | Optional Intel vPro™ technology's advanced management features on i5/i7 configurations |
| Warranty and Service          | Limited Hardware Warranty¹² Standard 3 year Mail-in Service after Remote Diagnosis¹³ and optional 3-5 year Dell ProSupport & ProSupport Plus contracts available¹⁴ |

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<sup>1</sup> Includes system testing with adapter up to a low temperature of -29°C (-4°F) plus MIL-810 temperature testing, with no performance degradation.  
<sup>2</sup> When used with the battery, for the operating temperature range -20°C to -29°C (-4°F to -20°F), the system may experience a delay in boot time, for a cold boot.  
<sup>3</sup> Once booted, no drop in system performance is observed, but a battery runtime of approximately 20 minutes or less may be recorded.  
<sup>4</sup> Between 0°C to -20°C (32°F to -4°F), considerable battery degradation may be observed.  
<sup>5</sup> For extreme cold-temperatures, it is recommended that the system be booted in a warm environment and then used outdoors, where possible.
Recommended Accessories
LATITUDE 5420 RUGGED

**AT THE DESK**

- **RUGGED DESK DOCK**
  Better video connectivity with dual Display Port outputs. Secure your notebook with dual cable lock slots. Compatible with Latitude 14/12 Rugged Extreme and Latitude 14 Rugged notebooks.

- **DELL THUNDERBOLT DOCK - WD19TB**
  The world’s most powerful and first modular Thunderbolt dock with a future-ready design.

- **DELL U2719D MONITOR**
  Enhance your productivity even further with Dell’s 27-inch ultrathin monitor.

**IN-THE-VEHICLE**

- **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.

- **DELL AUTO AIR DC ADAPTER**
  Power up and stay productive on the road, in-flight or in your office with the Dell™ Power Adapter. It is an all-in-one, DC device that will both power your Dell notebook as well as charge its battery.

- **GAMBER-JOHNSON VEHICLE DOCK**
  Mount your notebook in your vehicle with a reduced weight cradle featuring guide hooks on the bottom for proper connection.

**IN THE FIELD**

- **DELL RUGGED SHOULDER STRAP**
  Enhance the portability of your notebook with this lightweight and flexible shoulder strap.

- **DELL POWER ADAPTER & POWER BANK**
  Hybrid adapter and power-bank charges your notebook over the USB Type-C port.
Experience a new way to work with Dell Technologies Unified Workspace

Intelligence built in. Modernization built on.

We know that having the right device is just the start to a great workday. Employees need intelligent, intuitive and responsive experiences that allow them to work productively and without interruption. According to research, 1 out of every 4 users would question their job and the company they work for if they had a negative experience with their technology.¹

Dell Technologies Unified Workspace is transforming the employee experience and ensuring IT has proactive, predictive and automated solutions to deliver on the promise of a modern workday, while simplifying their ability to deploy, secure, manage and support their environment.

DEPLOY

ProDeploy in the Unified Workspace allows IT to move away from traditional, high-touch, manual deployment, and instead, ship devices preconfigured with company apps and settings from the Dell factory directly to their end users—having end users up and working on day one.

SECURE

Dell Trusted Devices provide a foundation to a modern workforce environment with invisible and seamless protection to ensure smarter, faster experiences. End users stay productive and IT stays confident with modern security solutions for the Dell Trusted Device.

MANAGE

Dell Client Command Suite + VMware Workspace ONE offers integrated capabilities that deliver a unified endpoint management experience for IT, enabling them to manage firmware, OS, and apps from one console, while also creating seamless experiences for end users.

SUPPORT

ProSupport resolves hardware issues up to 11x faster than the competition. ProSupport for PCs offers 24x7 access to in-region ProSupport engineers who contact IT when critical issues arise,² so you can focus on what’s next, not what just happened.

ProSupport Plus helps IT stay a step ahead and virtually eliminate unplanned downtime due to hardware issues. You get all the capabilities of ProSupport, as well as AI-driven alerts to prevent failures and repairs for accidents.³

Hardware issues detected by SupportAssist include hard drives, solid state drives, batteries and fans.
LATITUDE 5420 RUGGED

The 14” Rugged Notebook redesigned to be thinner, lighter, and ready for anything.