LATITUDE 5424 RUGGED

The 14” Rugged Notebook loaded with multiple expandability options.

FIRSTNET READY™

TOUGHNESS WITH VERSATILITY

The 14-inch semi-rugged notebook loaded with multiple expandability options. Upgraded with powerful 8th Generation Intel Core Processors and boasting up to 4TB of fast, reliable, and high performance solid state storage, this semi-rugged notebook offers toughness with versatility.

GO-ANYWHERE PRODUCTIVITY

A crisp, bright, 14” FHD resolution outdoor-viewable display lets you work in direct sunlight while the love-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 5424 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.

FirstNet and FirstNet Ready are registered trademarks and service marks of the First Responder Network Authority, an independent authority within the U.S. Department of Commerce. The FirstNet core is designed primarily for use in the United States.

Recommended Accessories

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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]

1 ESG Research Report. 2019 Digital Work Survey. December 2019.
2 Based on a Principled Technologies test report, "Spend Less Time and Effort Troubleshooting Laptop Hardware Failures" dated April 2018. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: http://facts.pt/L52XKM
3 Based on a Principled Technologies test report, "Dell ProSupport Plus with SupportAssist warns you about hardware issues so you can fix them before they cause downtime" dated April 2019. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: http://facts.pt/0xvze8. Hardware issues detected by SupportAssist include hard drives, solid state drives, batteries and fans.

Features & Technical Specifications

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Feature	Technical Specification
Model Number	5424
Processor Options	8th Gen Intel® Core™ i5, i7 quad-core processors + vPro™ 7th Gen Intel® Core™ i3 dual-core processors
Operating System	Microsoft® Windows 10 Pro 64 bit, Microsoft Windows 10 Pro
Memory Options[7]	8GB, 16GB, or 32GB 2400MHz DDR4 Non-ECC
Graphics[8]	Integrated Intel HD 620 and UHD 620 Graphic options AMD Radeon™ 540 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 capacitive touchscreen
Storage Options[9]	**Primary Drive Option:** 126GB, 256GB, 512GB, 1TB, 2TB PCIe NVMe Solid State Drive Class 40 or 256GB, 512GB, 1TB PCIe NVMe Self Encrypting Drive Class 40.
	Secondary and Third[1] Drive Options: 256GB, or 512GB SATA Class 20 Solid State Drive
Optical Drive Options	Optional 8X DVD-ROM, 8X DVD+/-RW or BlueRay RW (All Optical drives replace the 3rd storage bay option)
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 gigabet Ethernet and triple RF-pass through (GPS, mobile broadband and Wi-Fi) **Wireless LAN Options[5]:** 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:[4,5] Qualcomm® Snapdragon™ X20 LTE (DW5821e) FirstNet® with Band 14, Verizon, Sprint (US), Vodafone, Orange, Telefonica-O2 (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 2nd Serial, VGA, Display Port or Fischer USB
	Slots: SD and SIM card slot, Optional PCMCIA or Express Card 54mm Slot
	Optional docking and peripherals: Pogo-pin connectors for Docking/keyboard (bottom),Desk dock, Third-party vehicle docking solutions, Dell Business Dock
Security	Steel reinforced cable lock slot, Optional Security package: fingerprint reader, Contactless SmartCard reader, and 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[11]	**Dimensions:** 347.0 x 244.5 x 44.4mm (excludes bumpers and handle)
	Weight: Starting at 5.5lbs (2.5kg) with a single 3 cell battery, no handle and no optical drive
Regulatory and Environmental Compliance	**Regulatory model:** P46G Regulatory type: P46G002 Energy Star 7.0, EPEAT
	MIL-STD-810G testing[1]: Transit drop 36"/.91m; 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[1]: 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 Warranty[12] Standard 3 year Mail-in Service after Remote Diagnosis[13] and optional 3-5 year Dell ProSupport & ProSupport Plus contracts available[14]

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Some options available only in select regions; ISV certification applies to select configurations:

1 Based on testing and certification to MIL-STD-810G, IEC 60529 standards, performed and reported independently by accredited testing companies.

2 tested with 7th Gen Intel Core i3-7100U, 8GB RAM, 128GB SATA SSD, 68Whr(2x36 34Whr) and 1920x1080 touch display, Based on testing using the JEITA battery life benchmark test. For more information about this benchmark test, visit http://www.jeita.or.jp/english/. Test results should be used only to compare one product with another and are not a guarantee you will experience the same battery life. Battery life may be significantly less than the test results and varies depending on your product’s configuration, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time and use.

3 Where wireless access is available. Additional access charges apply in some locations.

4 Subject to service provider’s broadband subscription and coverage area; additional charges apply.

5 Regional availability may vary for some offerings. Vehicle docking and other peripherals may be offered by third-party providers.

6 Visit Dell.com/command for more information.

7 A 64-bit operating system is required to support 4GB or more of system memory .

8 Significant system memory may be used to support graphics, depending on system memory size and other factors.

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

10 Contact your sales representative for feature availability. Some features may be available later than general product availability.

11 Weights vary depending on configuration and manufacturing variability.

12 Limited Hardware Warranty: For copy of Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty

13 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.

14 Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.

15 Third bay can either be additional storage or an optical drive. You cannot have 2 storage bays and an optical drive.