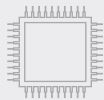




# The 14" Rugged Extreme Notebook for the harshest environments.

LATITUDE 7424 RUGGED EXTREME



## Built For The Toughest Jobs

Upgraded with powerful 8<sup>th</sup> Generation Intel Core Processors and boasting up to 4TB of fast, reliable, and high performance solid state storage, this fully-rugged notebook can tackle the most demanding tasks.



## Award Winning Service

Have peace of mind and trust that your mission critical rugged notebook 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.



## 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 hot swappable dual batteries for endless power.



## 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.

# Recommended Accessories

## LATITUDE 7424 RUGGED EXTREME

### 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 WD15 MONITOR DOCK

Ensure reliable connectivity with monitors using Display Port over USB Type-C.



#### 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.

# Built for business



## SECURE

Only Dell provides innovative data security solutions that meet security challenges and business concerns head-on to protect your most critical and at-risk asset, your data. With Dell Data Security solutions, end users can work where and how they want knowing that data is protected.

- Dell Data Guardian protects data wherever it goes.
- Dell Endpoint Security Suite, powered by Cylance, stops up to 99% of malware.



## MANAGEABLE

Part of the world's most manageable line of commercial PCs featuring the free Dell Client Command Suite toolkit for flexible and automated BIOS and system configurations. vPro extensions allow for out-of-band systems management.



## RELIABLE

The Latitude 7424 Rugged Extreme Notebook has been subjected to MIL-STD 810G testing, ensuring durability and reliability for wherever your job takes you.

# Features & Technical Specifications

Feature	Technical Specification
<b>Model Number</b>	<b>7424</b>
<b>Processor Options</b>	8 <sup>th</sup> Gen Intel® Core™ i5, i7 quad-core processors + vPro™ 7 <sup>th</sup> Gen Intel® Core™ i3 dual-core processors 6 <sup>th</sup> Gen Intel® Core™ i5 dual-core processor
<b>Operating System</b>	Microsoft® Windows 10 Pro 64 bit, Microsoft Windows 10 Pro with Windows 7 Professional Downgrade 64 bit (6 <sup>th</sup> Gen processors only)
<b>Memory Options<sup>7</sup></b>	8GB, 16GB, or 32GB 2400MHz DDR4 Non-ECC
<b>Graphics<sup>8</sup></b>	Integrated Intel HD 520, 620 and UHD 620 Graphic options AMD Radeon™ 540 and RX540 Graphic options
<b>Display</b>	14" FHD WVA (1920 x 1080) 16:9 Anti-Glare display; Optional Direct-View outdoor readable display with glove capable capacitive touchscreen
<b>Storage Options<sup>9</sup></b>	<b>Primary Drive Option:</b> 126GB, 256GB, 512GB, 1TB, 2TB PCIe NVMe Solid State Drive Class 40 or 256GB, 512GB, 1TB PCIe NVMe Self Encrypting Drive Class 40 <b>Secondary and Third<sup>15</sup> Drive Options:</b> 256GB, 512GB or 1TB SATA Class 20 Solid State Drive
<b>Optical Drive Options</b>	Optional 8X DVD-ROM, 8X DVD+/-RW or BlueRay RW (All Optical drives replace the 3rd storage bay option)
<b>Multimedia</b>	High-quality speaker, integrated noise-reducing microphones, stereo headphone/microphone combo jack, optional integrated FHD video web or IR camera with privacy shutter
<b>Battery</b>	3-cell (51 Whr) lithium-ion battery, optional second 3-cell (51 Whr) lithium-ion battery supporting hot-swap.
<b>Power</b>	90whr Rugged Elbow A/C Adapter, Optional additional 130W AC apater
<b>Connectivity</b>	10/100/1000 gigabet Ethernet and triple RF-pass through (GPS, mobile broadband and Wi-Fi) <b>Wireless LAN Options<sup>5</sup>:</b> Intel® Dual Band Wireless AC 8265 (802.11ac) 2x2 with Bluetooth 4.1, Intel® Dual Band Wireless AC 8265 (802.11ac) 2x2 (No BT) or Qualcomm® QCA61x4A 802.11ac Dual Band (2x2) Wireless Adapter+ Bluetooth 4.1 <b>Optional Mobile Broadband Options:<sup>4,5</sup></b> Qualcomm® Snapdragon™ X20 LTE (DW5821e) AT&T (First Net with Band 14 Capable), Verizon, Sprint (US), Vodafone, Orange, Telefonica-O2 (WW), Deutsche Telekom, Swisscom (EU), Telstra, Optus, Docomo, KDDI (APAC), CMCC/CUCC/CTCC (China) <b>GPS:</b> Optional dedicated u-blox NEO-M8 GPS card
<b>Ports, Slots &amp; Peripherals</b>	<b>Ports:</b> USB 3.0 Type A (2) & USB 3.0 Type A (1) with closeable port door when USB receiver inserted, USB 3.0 Type C (1) - 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 <b>Slots:</b> SD and SIM card slot, Optional PCMCIA or Express Card 54mm Slot <b>Optional docking and peripherals:</b> Pogo-pin connectors for Docking/keyboard (bottom), Desk dock, Third-party vehicle docking solutions, Dell Business Dock
<b>Security</b>	Steel reinforced cable lock slot, Optional Security includes: Fingerprint reader, Contactless and 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
<b>Dimensions &amp; Weight<sup>11</sup></b>	Dimensions: 354.5 x 255.0 x 51.3mm (excludes bumpers and handle) Weight: Starting at 7.6lbs (3.45kg) with a single 3 cell battery, no handle and no optical drive
<b>Regulatory and Environmental Compliance</b>	<b>Regulatory model:</b> P46G Regulatory type: P46G002 Energy Star 7.0, EPEAT <b>MIL-STD-810G testing<sup>1</sup>:</b> Transit drop 72"/.91m, 60"/1.52m, 48"/1.22m; single unit; 78 drops, operating drop (36"/0.91m), blowing rain, blowing dust, blowing sand, vibration, functional shock, humidity, salt fog (with rubberized keyboard), altitude, explosive atmosphere, solar radiation, thermal extremes, thermal shock, freeze/thaw, tactical standby to operational. <b>Operating thermal range:</b> -20°F to 145°F (-29°C to 63°C); <b>Non-operating range:</b> -60°F to 160°F (-51°C to 71°C) <b>IEC 60529 ingress protection<sup>1</sup>:</b> IP-65 (dust-tight, protected against pressurized water)
<b>Systems Management</b>	Optional Intel vPro™ technology's advanced management features on i5/i7 configurations
<b>Warranty and Service</b>	Limited Hardware Warranty <sup>12</sup> Standard 3 year Mail-in Service after Remote Diagnosis <sup>13</sup> and optional 3-5 year Dell ProSupport & ProSupport Plus contracts available <sup>14</sup>



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<sup>1</sup> Based on testing and certification to MIL-STD-810G, IEC 60529 (IP-65), MIL-STD-461F and 461G, and ANSI/ISA.12.12.01 standards, performed and reported independently by accredited testing companies.

<sup>2</sup> tested with 7<sup>th</sup> 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.

<sup>3</sup> Where wireless access is available. Additional access charges apply in some locations.

<sup>4</sup> Subject to service provider's broadband subscription and coverage area; additional charges apply.

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

<sup>6</sup> Visit [Dell.com/command](http://Dell.com/command) for more information.

<sup>7</sup> A 64-bit operating system is required to support 4GB or more of system memory

<sup>8</sup> Significant system memory may be used to support graphics, depending on system memory size and other factors

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

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

<sup>11</sup> Weights vary depending on configuration and manufacturing variability.

<sup>12</sup> 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](http://www.dell.com/warranty)

<sup>13</sup> 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](http://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.

<sup>14</sup> Dell Services: Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicesdescriptions](http://www.dell.com/servicesdescriptions).

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