



## Latitude 12 Rugged Extreme

*Adapt to the most demanding conditions.*



### Rugged for the real world

Life happens in the real world, where your notebook may be exposed to hazards such as accidental drops, vibration, water, dust and extreme temperatures. The Dell Latitude 12 Rugged Extreme was built for the worst with the most robust materials available including impact-resistant ultra polymers and sturdy magnesium alloy.

Protect your data from the elements with sealed doors and compression gasketing while enabling performance at high temperature with fourth-generation QuadCool™ thermal management.

Latitude Rugged Extreme notebooks are independently tested<sup>1</sup> to military standards including drops up to 6 feet, as well as ingress protection, emissions and hazardous materials certifications by an accredited third-party testing facility.

### Productivity anywhere

You never know what the day will throw at you. You roll with the punches, and so will your Rugged Extreme convertible with the industry's first rugged flip-hinge display that converts seamlessly between notebook and tablet.

Get portability without compromise with powerful and efficient fourth-generation Intel® processors, and speedy solid state storage. With up to 8.5 hours of battery life<sup>2</sup>, you have power for your entire shift.

Collaborate effectively and stay connected with a suite of wireless<sup>3</sup> capabilities including available mobile broadband<sup>4</sup> and dedicated GPS.

With a crisp 12" Direct-View outdoor-readable display, you'll see everything clearly from bright sunlight to low light conditions and resistive multi-touch means you benefit from intuitive gestures with your gloves on.

Latitude Rugged means innovation everywhere you look. A customizable RGB backlit keyboard enables you to work comfortably in all lighting environments while Stealth mode allows you to go incognito with a simple keypress.

### Business-class control

Dell provides the peace of mind with the easiest rugged products to own. Stay in control with the most secure, manageable, and reliable rugged computing solutions available.

Simplify system management with remote management capability and available Intel® vPro™ technology for efficient out-of-band management.

Safeguard your data with an array of protections including a Trusted Platform Module (TPM)<sup>5</sup>, Dell Data Protection | Encryption<sup>7</sup> and ControlVault™ advanced authentication.

Invest in a notebook that provides long-term stability through carefully executed lifecycle management. Dell Latitude Rugged notebooks are backed by a comprehensive suite of Dell service and support options.

# Specifications

Feature	Technical specification
Name / model	Latitude 12 Rugged Extreme / 7204
Processors	Fourth-generation Intel® Core™ i3, i5 and i7 dual-core processors
Operating systems	Windows® 8.1 Pro (64-bit) or Genuine Windows® 7 Professional (64-bit); Optional Windows 8.1 (64-bit), Windows 7 Professional (32-bit), Linux Ubuntu 12.04
Memory <sup>6</sup>	2 DIMM slots supporting up to 16GB 1600MHz DDR3L
Chipset	Mobile Intel Lynx chipset
Graphics <sup>7</sup>	Integrated Intel HD Graphics 4400 (i3/i5) or Intel HD Graphics 5000 (i7)
Display	11.6" HD (1366 x 768) 16:9 Direct-View outdoor-readable display with resistive multi-touch
Storage <sup>8</sup>	128GB, 256GB or 512GB mSATA mobility solid state drives; Optional 256GB mSATA SED SSD
Multimedia	High-quality speaker, integrated noise-reducing array microphones, stereo headphone/microphone combo jack, Optional integrated FHD video front webcam with privacy shutter, available 8MP rear camera with LED flash
Battery	4-cell (58 Whr) lithium-ion battery; Optional 4-cell (51 Whr) long life cycle lithium-ion battery with 3 year warranty
Power	65W AC adapter; Optional 90W auto/air DC adapter
Connectivity	10/100/1000 gigabit Ethernet and triple RF-passthrough (GPS, mobile broadband and WLAN) <b>Wireless LAN:</b> Intel® Dual Band Wireless-AC 7260 (802.11ac, dual band, 2x2, up to 867 Mbps) with Bluetooth® 4.0 + vPro™ <b>Mobile broadband</b> <sup>4, 9</sup> : Optional Dell Wireless 5808E multi-mode Gobi™ 5000 4G LTE card (US and Canada only: AT&T, Verizon, Sprint, Rogers, Telus); Optional Dell Wireless 5570E single-mode HSPA+ card <b>GPS:</b> Optional SiRFstarV™ dedicated GPS and antenna
Ports, slots and peripherals	<b>Ports:</b> USB 3.0 (2*), USB 2.0, native RS-232 serial port, RJ-45 gigabit Ethernet network connector, stereo headphone/microphone combo jack, pogo-pin docking connector, VGA, HDMI <b>Slots:</b> Memory card reader*, ExpressCard 54 mm or PCMCIA (* Selecting ExpressCard or PCMCIA replaces 1 USB 3.0 port and memory card reader); M.2 slots (2 internal) <b>Optional docking:</b> Rugged desk dock, third-party vehicle docking <sup>9</sup> <b>Optional Quick-Disconnect peripherals:</b> Rubber handle, nylon handle, shoulder strap, hand strap
Security	Steel-reinforced cable lock slot, SmartCard reader, contactless SmartCard reader, optional fingerprint reader, TPM 1.2 <sup>9</sup> , ControlVault™ advanced authentication, Dell Security Tools, Dell Data Protection   Encryption, NIST SP800-147 secure platform, Dell Backup and Recovery
Dimensions and weight <sup>10</sup>	<b>Dimensions:</b> (WxDxH) 12.2" x 8.6" x 1.6" (311 x 219 x 39 mm) <b>Weight:</b> Starting at 6.0 lbs. (2.72 kg) with 4-cell battery
Input	Customizable RGB backlit keyboard; Optional rubberized RGB backlit keyboard (English only); Resistive touchpad, Resistive glove-capable 5-point multi-touch screen
Management	Intel vPro™ technology's advanced management features on i5/i7 configurations
Regulatory and environmental	<b>Regulatory model:</b> P18T <b>Regulatory type:</b> P18T001    Energy Star 6.0, EPEAT <b>MIL-STD-810G testing</b> <sup>1</sup> : Transit drop (72", 60", 48"; single unit; 78 drops), operating drop (36"), 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</b> <sup>1</sup> : IP-65 (dust-tight, protected against pressurized water) <b>Hazardous locations:</b> ANSI/ISA.12.12.01 certification capable <sup>1</sup> (Class I, Division 2, Groups A, B, C, D) <b>Electromagnetic interference:</b> MIL-STD-461F certified <sup>1</sup>

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

ANSI/ISA.12.12.01 must be specified at time of order for certification. Contact your sales representative for more information.

2 Based on testing using the Mobile Mark 2012 Productivity battery life benchmark test. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). 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 Contact your sales representative for feature availability.

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

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

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

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

10 Weights vary depending on configuration and manufacturing variability.

