



Latitude 14 Rugged Extreme

Built for 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 14 Rugged Extreme was built for the worst with the most durable 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 tested¹ 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

Getting the job done can't stop when the going gets rough. You don't slow down and neither will your Rugged Extreme notebook with powerful and efficient fourth-generation Intel® processors, speedy solid state storage and optional discrete graphics. With up to 14 hours of battery life², you have power for your entire shift.

Collaborate effectively and stay connected with a suite of wireless³ capabilities including optional mobile broadband⁴ and dedicated GPS.

With an expansive 14" Direct-View outdoor-readable display, you'll see everything clearly from bright sunlight to low light conditions and standard resistive touch means you can keep 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 1.2)⁵, Dell Data Protection | Encryption⁷ and ControlVault™ advanced authentication.

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

Specifications

| Feature | Technical specification |
|-------------------------------------|---|
| Name / model | Latitude 14 Rugged Extreme / 7404 |
| 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 ⁶ | 2 DIMM slots supporting up to 16GB 1600MHz DDR3L |
| Chipset | Mobile Intel Lynx chipset |
| Graphics ⁷ | Integrated Intel HD Graphics 4400 (i3/i5) or Intel HD Graphics 5000 (i7); Optional NVIDIA® GeForce® GT 720M (DDR3 2GB) discrete graphics with Optimus™ |
| Display | 14.0" HD (1366 x 768) 16:9 Direct-View outdoor-readable display with resistive touchscreen |
| Storage ⁸ | 128GB, 256GB or 512GB 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 webcam with privacy shutter |
| Battery | 6-cell (65 Whr) or 9-cell (97 Whr) lithium-ion batteries; Optional 6-cell (58 Whr) or 9-cell (87 Whr) long life cycle lithium-ion batteries with 3 year warranty |
| Power | 65W or 90W AC adapters; Optional 90W auto/air DC adapter |
| Connectivity | 10/100/1000 gigabit Ethernet and triple RF-passthrough (GPS, mobile broadband and WLAN) Wireless LAN: Intel® Dual Band Wireless-AC 7260 (802.11ac, dual band, 2x2, up to 867 Mbps) with Bluetooth® 4.0 + vPro™ Mobile broadband^{4, 9}: 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 GPS: Optional SiRFstarV™ dedicated GPS and antenna |
| Ports, slots and peripherals | Ports: USB 3.0 (2), USB 2.0 (2), native RS-232 serial ports (2), RJ-45 gigabit Ethernet network connectors (2), stereo headphone/microphone combo jack, pogo-pin docking connector, VGA, HDMI Slots: Memory card reader; ExpressCard 54 mm or PCMCIA; M.2 slots (2 internal); Optional DVD+/-RW Optional docking and peripherals: Rugged desk dock, third-party vehicle docking ⁹ , Quick-Disconnect shoulder strap |
| Security | Steel-reinforced cable lock slot, SmartCard reader, contactless SmartCard reader, optional fingerprint reader, TPM 1.2 ⁹ , ControlVault™ advanced authentication, Dell Security Tools, Dell Data Protection Encryption, NIST SP800-147 secure platform, Dell Backup and Recovery |
| Dimensions and weight ¹⁰ | Dimensions: (WxDxH) 14.0" x 9.7" x 2.03" (356 x 247 x 52 mm) Weight: Starting at 7.79 lbs. (3.54 kg) with 6-cell battery and no optical drive |
| Input | Customizable RGB backlit keyboard; Optional rubberized RGB backlit keyboard (English only); Resistive touchpad, Resistive single-point gloved-capable touch screen |
| Management | Intel vPro™ technology's advanced management features on i5/i7 configurations |
| Regulatory and environmental | Regulatory model: P45G Regulatory type: P45G001 Energy Star 6.0, EPEAT MIL-STD-810G testing¹: 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 Operating thermal range: -20°F to 145°F (-29°C to 63°C); Non-operating range: -60°F to 160°F (-51°C to 71°C) IEC 60529 ingress protection¹: IP-65 (dust-tight, protected against pressurized water) Hazardous locations: ANSI/ISA.12.12.01 certification capable ¹ (Class I, Division 2, Groups A, B, C, D) Electromagnetic interference: MIL-STD-461F certified ¹ |

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. 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.

