DELL LATITUDE E6420 XFR
Real-world rugged

The third-generation fully rugged Dell™ Latitude™ — the Latitude E6420 XFR — was designed and engineered to meet the needs of even our most demanding customers.

Real-world rugged

The Latitude E6420 XFR with BallisticArmor™ protection has been independently tested to MIL-STD-810G, IP-65, MIL-STD-461F, and UL1604 standards[1]

- **Rugged chassis materials:** The Latitude E6420 XFR has been designed to take advantage of the ideal properties of the new PR-72™ ultra-polymer and magnesium alloy. With a rugged chassis and redesigned bumpering system, the Latitude E6420 XFR passes a 6 foot MIL-STD transit drop on a single unit that has also been subjected to a full round of 4 and 5 foot drops for a total of 78 drops[1].
- **Ingress protection:** With PrimoSeal™ die-cut and form-in-place compression gasketing, the Latitude E6420 XFR is certified to an IP-65 level of protection against water and dust ingress, keeping your system safe.
- **Thermal management:** The Latitude E6420 XFR offers extreme performance in extreme environments with the new and improved third-generation QuadCool™ thermal management system, now with enhanced conductive cooling for quieter operation.

Go-anywhere productivity

With usage flexibility and blazing performance, the Latitude E6420 XFR is more versatile than ever before for your computing needs

- **Features for enhanced functionality:** The Latitude E6420 XFR is packed with new features such as optional hot-swappable media bay modules[2] for increased battery and I/O flexibility, an array of solution elements including vehicle docking[3], and stealth mode.
- **Field-ready rugged solution:** Using a computer in the field leads to unique challenges, such as working in direct sunlight or away from a source of power. The Latitude E6420 XFR has a large 14.0" HD anti-glare LED display with Direct Vue™ technology for sunlight-readability and an optional resistive touch screen. As well, the Latitude E6420 XFR provides up to 7.5 hours of battery life with the standard 6 cell battery[4].
- **Blazing performance:** The Latitude E6420 XFR is packed with the latest technology, such as Intel® Core™ i5 and i7 processors, optional 512MB discrete graphics, optional solid state drives, and an array of wireless connectivity options[5] including mobile broadband[6].

Control of ownership

The Latitude E6420 XFR gives you a rugged mobile computing solution with everything needed for efficient manageability, confident security and cost control

- **Management made easy:** The Latitude E6420 XFR fully rugged laptop is remote manageable and provides Intel® vPro™ Technology's advanced management features with Intel WiFi® Link WLAN option for easy monitoring and out-of-band system management.
- **Confident security:** Know your data is secure with Dell's Data Protection, encrypted hard drive options and control who has access to your data with Dell ControlVault™, contactless smart card and fingerprint reader login access options.
- **Trusted member of the team:** Know you have a partner with Dell for supporting your systems with a wide range of customizable service and support options, including Dell KACE™ system management appliances.

Feature	Technical Specification		
Model Number	Latitude E6420 XFR		
Processor Options	Intel® Core™ i5 and i7 Dual Core processors		
Operating System Options	Genuine Windows® 7 Home Basic[7], Home Premium, Professional, Ultimate Genuine Windows Vista® Ultimate, Business, Home Basic Linux Ubuntu 10.10		
Memory[8] Options	Up to 8GB DDR3 SDRAM (1333 MHz); 2 slots supporting 1G, 2G or 4GB DIMMs		
Chipset	Mobile Intel® QM67 Express Chipset		
Graphics[9] Options	Intel® HD Graphics 3000 NVIDIA®NVS™4200M discrete graphics (512MB DDR3)		
Display Options	14.0" HD (1366x768) wide-view outdoor-viewable LED with Direct Vue™ technology 14.0" HD (1366x768) wide-view outdoor-viewable resistive touchscreen LED with Direct Vue™ technology		
Storage[10] Options	7200 rpm SATA hard drive up to 320GB Dell fast response free fall sensor (standard on the motherboard) Mobility solid state drive up to 256GB Optional media bay hard drive		
Multimedia	High quality speakers Integrated noise reducing array microphones Stereo headphone/microphone combo jack Optional integrated FHD video webcam and Dell Webcam Central software		
Battery Options	6-cell, 60Wh (2.8Ah) ExpressCharge capable Optional 12-cell slice, 84Wh Optional media bay battery		
Power Options	90W AC adapter Optional 90W auto/air DC adapter		
Connectivity	**Wireless LAN and WiMAX Options:** Intel® Centrino® Advanced-N 6205 (802.11a/b/g/n) Dell Wireless 1501 (802.11 b/g/n 1x1) Intel® Centrino® Advanced -N + WiMAX 6250 (802.11a/b/g/n + 802.16e)[7] Dell Wireless 1530 (802.11 a/g/n 2x2) Intel® Centrino® Ultimate-N 6300 (802.11a/b/g/n) **Mobile Broadband[6] & GPS Options[7]:** Dell Wireless™ 5630 Multi-mode HSPA-EVDO Mini Card (Gobi™ 3000) with A-GPS[7] Dell Wireless 5550 Single-mode HSPA Mini Card with A-GPS Dell Wireless 5800 (LTE/4G) Mobile Broadband[7] Dedicated GPS and antenna, SiRFstarIV™ Optional triple RF-passthough		**Wired:** 10/100/1000 Gigabit Ethernet **Bluetooth Options:** Dell Wireless 375 Bluetooth® 3.0
Ports, Slots & Chassis	USB 2.0 (2) VGA Docking connector USB/eSATA combo (1) HDMI SmartCard reader Optional USB 3.0 (2 via media bay module) Network connector (RJ-45) Optional Contactless SmartCard reader Serial DB9 pin Stereo headphone/microphone combo jack		
Expandability	**Slots:** **Media bay modules:** Express Card 54 Memory card reader DVD-ROM Second battery **Optional Peripherals & Docking[3, 7]:** DVD+/-RW USB 3.0 module Vehicle docking systems[3, 7] E-Port XFR Second hard drive Legacy I/O module[2, 7] (RJ-11, RJ-45, serial) Rugged battery slice Removable LCD protective touch overlay Rugged legacy I/O adapter XFR shoulder strap kit		
Security	**User & System Security:** **Physical Security:** Smart Card Reader Optional fingerprint reader ControlVault™ Cable lock slots Battery and hard drive locks Optional Contactless Smart Card Reader TPM 1.28		
Dimensions & Weight[11]	**Width:** 14.0"/356.1 mm (15.3"/389.3mm with bumpers) **Depth:** 11.7"/296 mm (12.1"/308.3mm with bumpers) **Weight:** Starting at 8.8 lbs/3.99 kg (with 6-cell battery and no optical drive) **Height:** 2.2"/56.8 mm (2.6"/67mm with bumpers)		
Regulatory and Environmental	**Regulatory Model:** P21G Energy Star 5.0 **Regulatory Type:** P21G001 EPEAT		
Input	Standard backlit keyboard Optional rubberized keyboard Multi-touch touchpad Optional resistive-touch panel (single-point glove touch)		
Management	Intel® vPro™ Technology's advanced management features (optional, requires Intel WiFi® Link WLAN)		
Environmental Testing and Certification See Summary of Independent Environmental Testing for details	**Independently Tested[1] to MIL-STD-810G for:** 72",60",48" Transit Drop - Method 516.6 Procedure IV Humidity - Method 507.5 Procedure II 36" Operating Drop - Method 516.6 Procedure IV Salt Fog - Method 509.5 Procedure I Blowing Rain - Method 506.5 Procedure I Altitude - Method 500.5 Procedures I, II Blowing Dust - Method 510.5 Procedure I Explosive Atmosphere - Method 511.5 Procedure II Blowing Sand - Method 510.5 Procedure II Thermal Shock - Method 503.5 Procedure I Vibration - Method 514.6 Procedures I (Categories 4,24), II Freeze/Thaw - Method 524 Procedure III Functional Shock - Method 516.6 Procedure I Tactical Standby to Operational - Method 501.5 Procedure III Solar Radiation - Method 505.5, Procedure I **Independently Tested MIL-STD-810G Temperature Ranges** - Method 501.5, 502.5 Procedures I, II: Operating: -20°F to 145°F (-29°C to 63°C) Non-Operating: -60°F to 160°F (-51°C to 71°C) **Other Independent Certifications:** IP-65 Certified Ingress Protection – Dust-tight and protected against pressurized water ingress Optional UL1604 Certification[1] for Hazardous Locations (Class 1, Division 2, Zones A, B, C, D) MIL-STD-461F Certified for Electromagnetic Interference		

1. Based on testing and certification to MIL-STD-810G, IEC 60529 (IP-65), MIL-STD-461F, and UL1604 standards, performed and reported independently by accredited testing companies. UL1604 must be specified at time of order for full compliance to certification.
2. The Legacy I/O module is not hot-swappable and will require a reboot to be recognized. All other media bay modules are hot-swappable.
3. Vehicle docking and some other solution elements via third-party providers.
4. Based on lab testing. Varies by configuration, operating conditions and other factors. Maximum battery capacity decreases with time and use.
5. Where wireless access is available. Additional access charges apply in some locations.
6. Mobile Broadband: Subject to wireless provider's broadband subscription and coverage area; additional charges apply.
7. Offering available in select countries
8. A 64-bit operating system is required to support 4GB or more of system memory.
9. Significant system memory may be used to support graphics, depending on system memory size and other factors
10. GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
11. Based on Dell lab testing. Weights vary depending on configuration and manufacturing variability.

Tough where it counts. Find out more at www.dell.com/XFR