



DELL™ LATITUDE™ E6400 XFR

What if your laptop was rugged enough to work on an oil rig, in pounding rain, and as easy to manage as the rest of your corporate laptops?

Experience Latitude E6400 XFR: A Rugged Revolution

The second generation Dell™ Latitude™ XFR—the fully rugged E6400 XFR—was designed and engineered to meet the needs of even our most demanding customers. Latitude E6400 XFR features Dell's exclusive Ballistic Armor™ Protection System designed to meet and even exceed real world and military standards (MIL-STD-810G). Better yet, the E6400 XFR is a member of Dell's award-winning Latitude family of laptops providing the same advantages in simplified IT management and investment protection that you've come to appreciate from Dell.

Real World Rugged: Reliable Solutions for Tough Environments

Built for tough environments, the Latitude E6400 XFR rises to the challenges you face every workday. Built to be ready out of the box to withstand pounding rain, blowing dust and dirt, extreme temperatures, accidental drops and more.

- Dell's exclusive Ballistic Armor™ Protection System featuring PR481™ chassis material provides twice the impact strength versus traditional magnesium alloy¹
- Ballistic Armor™ enables excellent protection and a higher drop specification than any computer in its class (up to 4 ft)²
- The E6400 XFR with PrimoSeal™ technology has a higher Ingress protection rating (IP65) than any other fully-rugged notebook³

Total Control Of Ownership: Peace of Mind and Low Lifecycle Costs

Dell is committed to providing you the commonality, tools and service offerings to simplify IT management, so you can focus on the mission at hand.

- The XFR shares the image and peripherals with the corporate-class Latitude E6400, helping you achieve system commonality and a lower TCO
- Features Intel® Centrino® 2 with vPro™ technology, providing built in manageability and advanced security features.
- Dell ProSupport⁴ service offerings help you deploy systems easily and quickly.

Uncompromising Performance: The Latest Technology for Today & Tomorrow

The high performing, fully rugged laptop is the first in its class to offer both Intel® Core™ 2 Duo Processor with vPro™ technology and optional discrete graphics. The Latitude E6400 XFR has brains as well as brawn.

- The QuadCool™ Thermal Management System allows the XFR to meet the MIL-STD for temperature extremes and enables excellent performance while running the latest Intel® Core™2 Duo Processors.
- Extended Field-use batteries (6-cell) equipped with ExpressCharge enables battery re-charge times over 2 times faster than the Panasonic CF-30's primary battery (9 cell).⁵

Inspired Design: Smart Innovations for Enhanced Functionality

Latitude E6400 XFR features securely sealed port covers and a wide range of key peripherals to work wherever you need to work.

- Work in direct sunlight with the large 14.1" wide-aspect LCD featuring DirectVue™ Technology LCD
- Vehicle docking allows flexibility for police and field technicians to mount systems directly in their vehicles.
- Secure, simple, locking protection doors with PrimoSeal™ for exceptional protection while working in wet or dusty conditions.



Feature	Latitude E6400 XFR
Processors	Intel® Core™ 2 Duo Processors
Operating Systems	Genuine Windows® 7 Professional 32-Bit and 64-Bit Genuine Windows® 7 Ultimate 32-Bit and 64-Bit Genuine Windows Vista® Business 32-Bit and 64-Bit Genuine Windows Vista® Home Basic Genuine Windows Vista® Business with Downgrade Rights Service to Windows® XP Professional Genuine Windows® 7 Professional or Ultimate (32-Bit or 64-Bit) with Downgrade Rights Service to Windows® XP Professional
Display	14.1" WXGA (1280 x 800) wide-aspect transmissive display with DirectVue™ technology for outdoor readability. Available in non-touch or resistive touch versions
Chipset	Intel® 45 Express Chipset
Memory	Dual Channel DDR2 Memory ⁶ Available DIMM Slots: Two Memory slots offering up to 8GB ⁷ , Memory Bandwidth: 800MHz
Primary Storage	5400 RPM shock-mounted up to 160GB ⁷ with free fall sensor Solid State Drives up to 256GB ⁷
Graphics Cards	NVIDIA® Quadro® NVS 160M 256MB DDR2 ⁶ Intel® Graphics Media Accelerator 4500MHD ⁶
Optical Drives	DVD-ROM, CD-RW/DVD, DVD+/-RW
Power	Power Supply: 90 Watt AC adapter with cord wrapping 6-cell primary battery, 12 cell high-capacity rugged battery slice (optional)
Connectivity	Wired: 10/100/1000 Gigabit Ethernet network interface adaptor 56K v924 Internal Modem Wireless LAN: Dell Wireless 1397 (802.11g), Dell Wireless 1510 (802.11a/g/draft n 2x2) Intel® WiFi Link 5100 [802.11a/g/draft n (1x2)], Intel WiFi Link 5300 [802.11a/g/draft n (3x3)] Mobile Broadband & GPS: Dell Wireless 5720 (EvDO & GPS) Mobile Broadband ⁸ Mini Card Dell Wireless 5530 (Tri-band HSDPA 7.2/HSUPA 2.0 & GPS) Mobile Broadband Mini-Card Bluetooth & Ultra-Wideband: Dell Wireless 370 Bluetooth® 2.1 (optional) Dedicated GPS: Dedicated GPS & Antenna, SiRFstarIII™
Ports	IEEE - 1394, docking connector, USB 2.0 (x4), VGA, Display Port, RJ-11 (optional), RJ-45, eSATA, USB PowerShare, headphone/speaker out, mic (all protected behind sealed doors)
Multi Media	2 speakers, digital microphone Integrated Webcam (optional)
Expandability	Slots: 1 Type I/II PCMCIA OR Expresscard/54, 5-in-1 card reader Optional Peripherals & Docking: Vehicle Docking Systems, Rugged Battery Slice, Rugged Legacy I/O Adapter, E-Family Deskdock Adapter, Removable LCD Protective Touch Overlay, XFR Shoulder Strap Kit, Spare LCD Pen/Tether Kit, Modular Options: E-Family modular bay: 8X DVD-ROM, 24X CDRW/DVD, 8X DVD+/-RW, second Hard Drive or Travel Lite Module
Security	Physical Security: Steel-reinforced Cable Lock Slots, Battery and Hard Drive Locks. User & System Security: Smart Card Reader and Contactless Smart Card Reader (protected behind sealed door) Fingerprint Reader (optional) TPM 1.28ControlVault™ – secure credential management within a trusted boundary Network Security: 802.11 Wi-Fi Protected Access (WPA), 802.11i (WPA2), Virtual Private Networks (VPN) 802.1x with EAP modes and compatible with CCX 4.0
Weight & Dimensions:	Starting at: 8.5 lbs/3.87 kg (with 6-cell battery and SSD) ⁹ Width: 13.9"/353.06 mm, Depth: 10.1-11.5"/257.6-293.1 mm, Height: 2.2"/55.88 mm
Environmental Testing and Certification See Summary of Independent Environmental Testing for details	Independently Tested to MIL-STD-810G for: 4ft Transit Drop, Aggravated Rain, Blowing Dust, Vibration, Functional Shock, Humidity, Salt Fog, Altitude, Explosive Atmosphere, Temperature Shock, and Temperature Extremes (Operating: -20° F to 145° F (-29° C to 63° C); Non-Operating: -58° F to 160° F (-50° C to 71° C)) IP-65 Certified Protection – Dust-Tight and Protected Against Pressurized Water Ingress UL1604 Certified for Hazardous Locations (Class 1, Division 2, Zones A, B, C, D) MIL-STD-461F Certified for Electromagnetic Interference

(1)Based on a 3rd party white paper commissioned by Dell comparing the dynamic load bearing ability of PR481™ hybrid polymer vs. traditional magnesium alloy, December 2008. (2) Based on competitive analysis conducted January 2009 and 3rd party testing of Latitude E6400 XFR using MIL-STD-810F, Method 516.5, Procedure IV (Transit Drop) 48", 26 Drops on each face onto 2" plywood over concrete. [Patrick can modify the above footnote to accurately depict the limitations on the testing.] (3) Based on competitive analysis conducted January 2009 and 3rd party testing of Latitude E6400 XFR using IEC 60529 test standard. (4) Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicesdescriptions (5) Based on PCMark05 benchmark testing by Dell Labs in January 2009 using a fully configured Latitude E6400 XFR with Intel Core 2 Duo P9600, 128GB SSD, NVIDIA Quadro NVS 160M, and comparing Panasonic CF-30 published specifications. Actual performance will vary based on configuration, usage and manufacturing variability. (6) Significant system memory may be used to support graphics, depending on system memory size and other factors. (7) GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less. Up to 1GB may not be available with 32-bit operating systems due to system resource requirements. (8) Subject to wireless provider's broadband subscription and coverage area; additional charges apply. (9) Weights vary depending on configuration and manufacturing variability. Not all components will be available in all locations.

For more information, visit www.dell.com/XFR

