Dell™ Latitude™ D830

Prestigious performance, intense collaboration

The Dell Latitude D830 notebook is our high-performance solution for professionals who require desktop capabilities on the go — especially those needing to run high-end graphics. The D830 enhances the previous-generation Latitude D820 with the latest 64-bit dual-core Intel® processors and support for three different graphics solutions, all in one platform with a starting weight of less than six pounds.[1]

In addition to graphics card options, the Latitiude D830 offers an impressive range of other leading technology choices, including performance hard drives. IT decision-makers will appreciate the optional encrypted^ or Solid State^ drives, along with D-family peripheral commonality.

Finally, the Latitude D830 features wide-screen options for maximum viewability and is also optimized for the latest external monitors — helping users make the most of their workday, in or out of the office.

Innovative Design: Advanced options and new levels of customization

· The latest dual-core Intel processors with 64-bit support
· Three choices of graphics solutions, including NVIDIA® Quadro® NVS 140M[2]
· Three choices of 15.4" LCDs, including UltraSharp™ WUXGA & WSXGA+
· Choice of Microsoft Windows Vista or Microsoft® Windows® XP Professional SP2
· Choice of Direct Deploy Services to help simplify image management and customization
· Energy-efficient systems designed to meet or exceed the worldwide mutually recognized Environmental Protection Agency's (EPA) ENERGY STAR® Standard
· Preliminary starting weight at 5.97 lbs (2.71kgs)[1]

RoadReady™: Designed, tested and built for quality

· Full magnesium-alloy construction for years of reliable performance
· New Solid State Drive^ option is designed to offer superior durability by eliminating mechanical parts
· Strike Zone™ hard drive design delivers 24/7 protection against life's bumps and bruises
· Dell notebooks endure 13,000 hours of rigorous testing (on average)

HyperConnect™: Keeps users connected virtually anytime, anywhere[3]

· Wireless-N, based on 802.11n technology, with up to 5X the speed and 2X the range of traditional Wi-Fi® when used with a Wireless-N router[4]
· Integrated mobile broadband[5], wireless and Bluetooth® 2.1 make it easy to stay productive on the road
· Take advantage of Dell's support for the industry's leading mobile broadband carriers

Smart Security: Strategic, comprehensive endpoint solutions

· Keep your files safely encrypted in a personal virtual drive, secured by the TPM security chip
· Optional encrypted hard drive^ delivers full disk encryption at native speed
· Wave EMBASSY® Trust Suite works with the TPM chip for robust file/folder encryption and much more

DELL™

Dell™ Latitude™ D830

SYSTEM

Processor Features	Dual-Core, 800 MHz FSB with 4.0 MB of level 2 smart cache: Intel® Core™ 2 Duo processor T7700 (2.40GHz), T7500 (2.20GHz), T7300 (2.00GHz)
	Dual-Core, 800 MHz FSB with 2.0 MB of level 2 smart cache: Intel® Core™ 2 Duo processor T7100 (1.80GHz)
Operating systems	Genuine Microsoft® Windows Vista™ Ultimate, Genuine Microsoft® Windows Vista™ Business, Genuine Microsoft® Windows Vista™ Home Basic
	Genuine Microsoft® Windows® XP Professional, Genuine Microsoft® Windows® XP Home Edition, N-Series
Chipset	Intel® 965GM (800MHz front side bus) with Intel® onboard graphics or Intel® 965PM with NVIDIA® graphics
Memory	512MB-4GB[6] shared[7] DDR 2 667MHz Memory
Display	15.4" WXGA (220 nits); 15.4" WSXGA+ UltraSharp (200 nits); 15.4" WUXGA UltraSharp (200 nits)
External Display	Supports up to a maximum resolution of WUXGA (1920 x 1200)
Graphics	Choice of integrated Mobile Intel® GMA X3100; NVIDIA® Quadro® NVS 135M[8] or NVIDIA® Quadro® NVS 140M[9] graphics cards
Hard Drives	60, 80, 100, 120 and 160GB[10]
Pointing Device	Touch Pad - PS/2 compatible, Track Stick - PS/2 compatible
Audio	High Definition Audio codec. Dual speakers, 8 ohm. Integrated omni-directional microphone
Dimensions	H: 35.3mm/1.39" x W: 361mm/14.2" x D: 262.6mm/10.34"
Weight[11]	Starting at 5.97Lbs/2.71Kgs with 15.4" WXGA LCD, Intel® GMA X3100 graphics, CD-ROM and 6-cell battery

POWER

Power Supply	90 Watt AC adapter with cord wrapping
Batteries	Primary: 6-cell/53 WHr "Smart" Li-Ion battery featuring ExpressCharge™, Primary: 9-cell/85 WHr "Smart" Li-Ion battery featuring ExpressCharge
	Secondary: 6-cell/48 WHr "Smart" Li-Polymer battery featuring ExpressCharge

CONNECTIVITY

Wired	56K[12] v.92 Internal Modem; 10/100/1000 Gigabit[13] Ethernet network interface adaptor
Mobile Broadband[17]	Dell Wireless 5520 HSDPA 3.6 (AT&T US), Dell Wireless 5720 EVDO Rev A (Verizon US), Dell Wireless 5720 EVDO Rev A (Sprint US), (Telus Canada)
Wi-Fi	Intel® PRO/Wireless 4965 WiFi® 802.11a/g/Draft n, Dell Wireless 3945 WiFi® 802.11a/g, Dell Wireless 1390 802.11g, Dell Wireless 1490 802.11a/g,
	Dell Wireless 1505 802.11a/g/Draft n
Bluetooth	Dell Wireless 360 Bluetooth® Module; Bluetooth® 2.1 + EDR

EXPANDABILITY

Expansion Card Slot	One Type I or Type II PC Card Slot; 54mm Express Card Slot supports both 54mm and 34mm Express Cards
I/O Ports	S-Video, Serial, 1394, VGA, headphone/speaker out, 3 USB, powered USB (D/Bay), RJ11, RJ45, AC power, docking out, RJ-11, RJ-45, AC power
Docking	D/Port, D/Dock, D/View Notebook Stand, D/Monitor Stand
Modular Options	24X CD-ROM, 8X DVD-ROM[14], 8XDVD+/-RW[15], 24X CDRW/DVD, No Optical, Floppy Disk Drive, Secondary 6-cell/48 WHr, "Smart"
	Li-Polymer battery, 2nd 80GB[10] hard drive, or TravelLite module

SECURITY

Physical Security	Steel-reinforced Cable Lock Slots, Media Module and Hard Drive locks
User & System Security	Integrated Smart Card Reader, Trusted Platform Module 1.2 and optional UPEK® finger print reader. Dell EMBASSY® Trust Suite by
	Wave Systems security software
Network Security	802.11 WiFi Protected Access (WPA), 802.11i (WPA2), Virtual Private Networks (VPN) and 802.1x with EAP modes, CCX V4.0

MANAGEABILITY

Dell OpenManage™	Helps reduce the total cost of ownership by enabling IT departments to manage and support networked systems. OpenManage™ enables software deployment and migration, hardware configuration and system health, asset management and remote support. For more information visit: www.dell.com/openmanage

SERVICE & SUPPORT

Service & Support	Service options may vary. Options may include NBD On-Site Service[16] and/or Mail-In Service