Dell™ Latitude™ D820

Unyielding Performance Meets Mobility

The Latitude D820 redefines the performance corporate notebook by providing not only high end graphics solutions for 3D applications, but also a mainstream graphics solution for those who require a 15.4" LCD for mainstream office applications.

The Latitude D820 is designed for users who require quality, ease of use and long term value in a performance notebook. Starting at 6.0lbs* (2.73kgs), the Latitude D820 meets the customer need for a durable notebook where unyielding performance meets mobility.

Innovative Design: Designed with usability in mind

- Clean & crisp industrial design that enhances a small & thin form-factor
- Next generation of Intel® technology
- Expandability through a 54mm Express Card slot, Type I/II PC Card slot and a D-Bay port
- Easy to customize with Dell QuickSet™

RoadReady™ Quality: Extended Durability

- Uncompromised quality for years of reliable performance
- Prepared for the unexpected - designed to withstand life's bumps and bruises
- Complete your experience with optional Dell CompleteCare™ Accidental Damage Service[11]

Smart Security: A comprehensive but flexible security suite

- Excellent user security with three factors of authentication
- Help avoid data theft by hard drive encryption
- Designed to defend against viruses and worms
- Simply manage your security needs without busting your budget

HyperConnect™: Wireless–extended connectivity

- Quickly find a network, without opening your notebook with the Dell WiFi Catcher™
- Stay productive on the road with mobile broadband and WiFi access[12]
- Quickly synchronize to your Bluetooth® cell phone or PDA

*Starting weight of 6.0 lbs for the D820 is with a 15.4" WSXGA+ display, Intel GMA 950 graphics, CD-ROM and 6-cell battery. Weights vary depending on configurations and manufacturing variability.

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Dell Latitude D820

FEATURES   Dell Latitude D820

SYSTEM

Processor Type	Intel® Core™ Solo and Duo processors 667MHz Front Side Bus & 2M Smart L2 Cache
Processor Features	Intel® Core™ Solo processor T1400 (1.86 GHz)
	Intel® Core™ Duo processor T2300E (1.66GHz) T2400 (1.86GHz) T2500 (2.00GHz) and T2600 (2.16GHz)
	Intel® Core™ 2 Duo processor T7200 (2.00GHz), T7400 (2.13GHz), T7600 (2.66GHz)
Operating systems	Microsoft® Windows® XP Professional SP2, Microsoft Windows XP Home SP2
Chipset	945GM (667MHz front side bus) with Intel onboard graphics or 945PM with NVidia graphics
Memory	Min: 512MB DDR2 shared[1] 533 or 667MHz
	Max: 4GB[2] DDR2 shared[1] 533 or 667MHz
Displays	15.4" WXGA (1280 X 800 resolution); 15.4" WSXGA+ (1680 X 1050 resolution); 15.4" WUXGA (1920 X 1200 resolution)
External Display	Supports up to a maximum resolution of WUXGA (1920 x 1200)
Graphics	Choice of Intel® Graphics Media Accelerator 950 (Up to 224MB shared); 256MB NVIDIA® Quadro NVS 110M TurboCache™[3]; or 512MB NVIDIA® Quadro NVS 120M TurboCache™[3]
Hard drives	40, 60, 80, 100 and 120GB[4] primary; 80GB[4] secondary
Keyboard	87-Key US; 88-Key Europe; 91-Key Japan; key travel 2.5mm; key spacing 19.05mm
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	Starting at 6.0Lbs/2.73Kgs*

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[5] v.92 Internal Modem; 10/100/1000 Gigabit[6] Ethernet network interface adaptor
Mobile Broadband:	Cellular Broadband:
	Dell Wireless 5500 Mobile Broadband 3G HSDPA (Cingular US)
	Dell Wireless 5700 Mobile Broadband CDMA EVDO (Verizon US)
Wi-Fi:	Intel® PRO/Wireless 3945A/G (802.11a/g), Dell Wireless 1490 (802.11a/g), Dell Wireless 1390 (802.11g)
Bluetooth:	Dell Wireless 350 Bluetooth internal wireless card

EXPANDABILITY

Express Card	54mm Express Card Slot; supports both 54mm and 34mm Express Cards
PC Card	One Type I or Type II
I/O Ports	Serial, 1394, docking connector, 4 USB, powered USB (D-Bay), VGA, headphone/speaker out, infrared port, 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[7], 8X DVD+/-RW[8], 24X CDRW/DVD, Floppy Disk Drive, Secondary 6-cell/48 WHr "Smart" Li-Polymer battery, 2nd 80GB[4] hard drive, or TravelLite module
USB Memory Keys	128MB, 256MB and 512MB USB Memory Keys[9] (optional)

SECURITY

Physical Security	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

ACCESSORIES

Accessories	New Latitude carrying cases and backpack , External USB keyboard and mouse, CRT and Flat Panel Monitors

SERVICE & SUPPORT

Service & Support	Service options may vary. Options may include NBD On-Site Service[10] and/or Mail-In Service.