

Dell™ Latitude™ D430



Bright, light and distinctly mobile

The Dell Latitude D430 notebook is an ideal lightweight solution for business users who travel frequently. This “road warrior” notebook enhances the previous-generation Latitude D420 with a memory boost (minimum 1GB of onboard memory), a brighter WXGA panel and new levels of choice and customization.

Featuring long battery life and excellent connectivity, the Latitude D430 offers users plenty of performance on the go. Back in the office, integrated Dell docking and expandability options help boost usage options and convenience. IT can take advantage of the D-family’s robust security, durability and peripheral commonality, plus the flexibility of OS offerings — Microsoft® Windows Vista™ or Microsoft® Windows® XP. In addition, the optional Solid State Drive can provide fast boot and application launch time on Microsoft Windows Vista.

Innovative Design: Advanced options and new levels of customization

- The latest Intel® Core™ 2 Duo processors
- Choice of Microsoft Windows Vista or Microsoft Windows XP
- Designed for frequent travelers with wide-screen panels and a thin, lightweight form factor
- Energy-efficient systems designed to meet or exceed the worldwide mutually recognized Environmental Protection Agency’s (EPA) ENERGY STAR® Standard

RoadReady™: Designed, tested and built for quality

- Full magnesium-alloy construction for years of reliable performance
- Optional Solid State Drive has no moving parts, which can help improve durability and reliability
- Strike Zone™ hard drive offers 24/7 data protection against life’s bumps and bruises

HyperConnect™: Keeps users connected virtually anytime, anywhere¹

- 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 router²
- HyperBand Diversity Antenna delivers superior multi-band wireless performance for mobile broadband and Wi-Fi
- Integrated Bluetooth® 2.0 with Enhanced Data Rate makes it easy to connect personal devices
- Take advantage of Dell’s support for industry-leading mobile broadband carriers
- Built-in Wi-Fi Catcher™ switch lets you quickly find a network, even when the notebook is closed

Smart Security: Strategic, comprehensive endpoint solutions

- Advanced user identification options: integrated Smart Cards, optional integrated fingerprint reader and/or passwords (even at pre-boot level)
- TPM 1.2 security chip enables a personal virtual drive for all of your encrypted files
- Wave EMBASSY® Trust Suite works with the TPM for robust file folder encryption and much more



¹ Where wireless access is available. Additional access charges apply in some locations.

² Speed claim for comparative purposes only. Actual speed varies with environment, equipment and other factors and will be less, while range may vary due to number of users, interference, transmission barriers (such as walls and building material), and other factors. Intel Wireless-N card: To achieve up to 5X the speed and twice the range of 802.11g, customer must use the Intel Wireless-N card with a 5GHz Wireless-N router; with a 2.4GHz Wireless-N router, speed will be less. Based on Intel testing using Chariot network testing tools in November 2006 on a notebook with an Intel 4965 Wireless-N card. Dell Wireless-N card: Wireless-N speed and range claims based on tests conducted by a third party testing company commissioned by Dell in June 2006 comparing the Dell Wireless 1500 Draft 802.11n and the Intel 3945 802.11a/g internal wireless cards in a Dell XPS M1210 notebook.

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SYSTEM

Processor Type	Intel® Core™ 2 Duo processors 533 MHz Front Side Bus & 2MB Smart L2 Cache, Intel® Core™ Solo processors 533MHz Front Side Bus & 2MB Smart L2 Cache
Processor Features	Intel® Core™ 2 Duo processor U7600 (1.2GHz), U7500 (1.06GHz), Intel® Core™ Solo processor U1400 (1.2GHz)
Operating systems	Microsoft® Windows Vista™ Ultimate, Microsoft® Windows Vista™ Business, Microsoft® Windows Vista™ Home Basic, Microsoft® Windows® XP Professional SP2, Microsoft® Windows® XP Home SP2, FreeDOS
Chipset	Intel® 945GMS (533MHz front side bus) with Intel® onboard graphics
Memory	Min: 1GB DDR2 single channel shared ³ 533MHz; Max: 2GB ⁴ DDR2 single channel shared ³ 533MHz
Display	Wide-aspect 12.1" WXGA (1280x800 resolution) 220 nits
External Display	Supports up to a maximum resolution of WUXGA (1920x1200)
Graphics	Mobile Intel® Graphics Media Accelerator 950 (up to 224 shared)
Hard Drives	40, 60, 80GB ⁵ , 32GB Solid State
Keyboard	87-Key US, Canada, China; 88-Key Europe; 89-Key Brazil; 91-Key Japan Key travel 2.5mm; Key spacing 18.5mm
Pointing Device	Touch pad - PS/2 compatible; Track stick-PS/2 compatible
Audio	High Definition Audio codec speaker, mono speaker, 1.0W, integrated omni-directional microphone
Dimensions	295mm x 209.8mm x 25.4mm (11.6" x 8.25" x 1")
Weight⁶	Preliminary - Starting at ~1.36kg (~3.0lbs) with 4-cell battery

POWER

Power Supply	65 Watt or 90 Watt AC adapter with cord wrapping
Batteries	Primary 4-cell/28 WHr "Smart" Lithium Ion battery featuring ExpressCharge™; Primary 6-cell/42 WHr "Smart" Lithium Ion battery featuring ExpressCharge; Primary 9-cell/68 WHr "Smart" Lithium Ion battery, supports ExpressCharge with 90 watt AC adapter

CONNECTIVITY

Wired	56K ⁶ v.92 Internal Modem; 10/100/1000 Gigabit ⁷ Ethernet network interface adapter
Mobile Broadband¹¹	Dell Wireless 5520 Mobile Broadband (Tri-band HSDPA 3.6) Mini-Card with service from AT&T (US) and Vodafone (select countries in Europe) Dell Wireless 5720 Mobile Broadband (EVDO Rev A) Mini-Card with service from Verizon Wireless (US), Sprint (US) and Telus (Canada)
Wi-Fi	Dell Wireless 1390 (802.11g), Dell Wireless 1490 (802.11a/g), Dell Wireless 1505 (802.11a/g/Draft n), Intel PRO/Wireless 3945AG (802.11a/g), Intel PRO/Wireless 4965AGN (802.11a/g/Draft n)
Bluetooth	Dell Wireless 360 Bluetooth® internal wireless card (upgradable to Bluetooth® 2.1 EDR)

EXPANDABILITY

PC Card	One Type I or Type II
PCI-Express Card	34mm ExpressCard via USB interface through PCMCIA adapter
I/O Ports	SD card slot, IEEE-1394, docking connector, 3 USB (one powered), VGA, headphone/speaker out, RJ-11, RJ-45, AC power
Media Base I/O Ports	Serial, Parallel, VGA, DVI, 4 USB 2.0, RJ-45, HP out
Media Base Options	9.5mm slim 24X CD-ROM or 8X DVD+/-RW ⁸
Docking	D/Port, D/Dock, D/View Notebook Stand, D/Monitor Stand
Modular Options	24X CD-ROM, 8X DVD-ROM ⁸ , 24X CDRW/DVD, 8X DVD+/-RW ⁸ , Floppy Disk Drive, 80GB ⁵ Hard Drive

SECURITY

Physical Security	Steel-reinforced Cable Lock Slot, Hard Drive locks
User & System Security	Integrated Smart Card reader; Trusted Platform Module (TPM) 1.2 and optional UPEK® fingerprint reader. Wave EMBASSY® Trust Suite by Wave Systems security software
Network Security	802.11 Wi-Fi Protected Access (WPA), 802.11i (WPA2), 802.1x with EAP modes, Single Sign On and compatible CCX 4.0

MANAGEABILITY

Dell Client Manager	Helps make our workstations, desktops and notebooks some of the easiest and most cost-effective client systems you can own. DCM provides centralized, remote control and automates common tasks associated with owning client systems. The results can be powerful: fewer desk-side visits and repetitive tasks, greater visibility and control of client inventory and usage, and improved consistency and compliance in the way client systems are configured.
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ACCESSORIES

Accessories	Latitude carrying cases and backpack, external USB keyboard and mouse, CRT and flat panel monitors
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SERVICE & SUPPORT

Service & Support	Service options may vary. Options may include Next Business Day On-Site Service ¹⁰ and/or Mail-In-Service.
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³ Up to 224MB of system memory may be allocated to support graphics, depending on system memory size and other factors.

⁴ For hard drives, GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

⁵ Preliminary starting weight with 4-cell battery, integrated graphics and 12.1" WXGA display. Weights vary depending on configurations and manufacturing variability.

⁶ Modem download speeds are limited to 56Kbps. Upload speeds are less (about 30Kbps). Speeds can vary by line condition and modem manufacturer. Analog phone line and service required.

⁷ The term Gigabit Ethernet does not connote an actual operating speed of 1GB/sec. For high speed transmission, connection to a Gigabit ethernet server and network infrastructure is required.

⁸ DVD-ROM drives may have write-capable hardware that has been disabled via firmware modifications.

⁹ Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility.

¹⁰ Service may be provided by third-party. Technician will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. U.S. only.

¹¹ You must be a Sprint, Verizon Wireless or AT&T subscriber. Actual connectivity is subject to wireless service provider's coverage area and may be affected by equipment, topography, signal strength, environmental considerations, and other factors. Service may vary significantly within buildings. Dell does not guarantee coverage.

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