

Dell™ Latitude™ D630



Mainstream Balanced Thin & Light Business Notebook



The Dell Latitude D630 is designed to deliver an outstanding mix of performance, graphics and mobility — all packed into a compact, lightweight box. This full-featured mainstream notebook enhances the previous-generation Latitude D620 with the latest Intel® Core® 2 Duo processors, your choice of Intel integrated graphics or NVIDIA® discrete graphics[^], and new levels of customisation.

The fully configurable Latitude D630 can come pre-loaded with Microsoft® Windows Vista®, Microsoft® Windows® XP or FreeDOS to suit your business needs. IT decision-makers will appreciate the optional encrypted or Solid State Drives[^], along with D-family peripheral commonality. Users will appreciate the multiple graphics card options, and the enhanced productivity offered by the bright displays.

If your priority/need is:	Choose
Overall ultimate performance and speed	7200 RPM drives
Security	Encrypted hard drives [^]
Durability	Solid State Drives [^]

Innovative Design: Advanced options and new levels of customisation

- The latest Intel® Core® 2 Duo processors, with choice of Intel integrated graphics for optimal battery life or NVIDIA® discrete graphics[^] for enhanced performance
- Microsoft Windows XP Professional SP2, Microsoft Windows Vista
- Energy-efficient systems designed to meet or exceed the worldwide mutually recognised 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 Drives[^] have no moving parts, which helps 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
- Built-in Wi-Fi Catcher® switch lets you quickly find a network, even when the notebook's closed

Smart Security: Strategic, comprehensive endpoint solutions

- Optional encrypted hard-drive[^] delivers full disk encryption without compromising performance
- TPM security chip enables a personal virtual drive for all of your encrypted files
- Wave EMBASSY® Trust Suite works with the TPM chip for robust file/folder encryption and much more

[^]May not be available at launch

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 800 MHz Front Side Bus 2 & 4MB Smart L2 Cache
Processor Features	Intel® Core® Duo processor T7100 (1.8GHz), T7300 (2.0GHz), T7500 (2.2GHz), T7700 (2.4GHz)
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® 965GM or 965PM (coming soon)
Memory	Min: 512MB DDR2 shared ³ 667MHz; Max: 4GB4 DDR2 shared ³ 667MHz, Optional Intel® Turbo Memory 1GB card (uses 1 of 2 mini-card slots on the system)
Display	14.1" wide aspect: WXGA (1280x800) 220 nits or WXGA+ (1440x900) 220 nits
External Display	Supports up to a maximum resolution of WUXGA (1920 x 1200)
Graphics	Choice integrated Mobile Intel® GMA X3100 (Up to 256MB shared ⁵) or NVIDIA® Quadro® NVS 135M (coming soon)
Hard Drives	60, 80, 120, 160GB ⁷
Keyboard	87-Key US, Canada, China; 88-Key Europe; 89-Key Brazil; 91-Key Japan, Key travel 2.5mm; Key spacing 19.05mm; Sealed keyboard design
Pointing Device	Touch pad - PS/2 compatible; Track stick - PS/2 compatible
Audio	High Definition Audio codec speaker, 2.0W (4 ohms), integrated omni-directional microphone
Dimensions	337 x 238 x 32.3mm (13.3" x 9.37" x 1.27")
Weight⁸	Starting at 4.47lbs (2.0kg) with 4-cell battery and Travel Lite module, Starting at 5.1 lbs (2.3kg) with 6-cell battery and CD-ROM ddrive

POWER

Power Supply	65 Watt or 90 Watt AC adapter with cord wrapping
Batteries	Primary 4-cell/32 WHr "Smart" Lithium Ion battery featuring ExpressCharge®; Primary 6-cell/56 WHr "Smart" Lithium Ion battery featuring ExpressCharge; Primary 9-cell/85 WHr "Smart" Lithium Ion battery, supports ExpressCharge with 90 watt AC adapter; Secondary 6-cell/48WHr "Smart" Lithium Ion battery featuring ExpressCharge

CONNECTIVITY

Wired	56K ⁹ v.92 Internal Modem; 10/100/1000 Gigabit ¹⁰ Ethernet network interface adapter
Mobile Broadband¹¹	Dell Wireless 5520 Mobile Broadband (HSDPA 3.6) Mini-Card with service from Vodafone (selected countries in Europe);
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 (upgradeable to Bluetooth® 2.1 EDR) ^A

EXPANDABILITY

PC Card	One Type I or Type II; Supports 34mm ExpressCard via USB interface through PCMCIA adapter
I/O Ports	Serial, IEEE-1394, docking connector, 4 USB, VGA, headphone/speaker 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 ¹² , 24X CDRW/DVD, 8X DVD+/-RW ¹³ Floppy Disk Drive, Secondary 6-cell battery, 80GB5 Hard Drive or Travel Lite Module

SECURITY

Physical Security	Steel-reinforced Cable Lock Slot, Media Module and 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 WiFi® 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 notebooks and desktops some of the easiest and most cost-effective client systems you can own. DCM provides centralised, 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	1 - 5 years Next Business Day On-Site Support, Custom Factory Integration, Dell Business Support, CompleteCare™ Accidental Damage and Theft Service, PC Installation Services, Dell Training, Asset Recovery Services
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³ For systems using Windows XP, up to 256MB of system memory may be allocated to support integrated graphics, depending on system memory size and other factors, while for systems using Windows Vista, up to 358MB of system memory may be allocated to support integrated graphics, depending on system memory size and other factors. ⁴ The total amount of available memory will be less than 4GB. The amount less depends on the actual system configuration. ⁵ Up to 256 MB of system memory may be allocated to support graphics, depending on memory size and other factors. ⁶ For systems with Microsoft Windows XP, the total of local and shared system memory used by this graphics card is up to 256MB. Local on-board memory is 128MB. Up to 128 MB of system memory may be allocated to support graphics, depending on system memory size and other factors. For systems with Microsoft Windows Vista, the total of local and shared system memory available to this graphics solution is up to 258MB. ⁷ 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. ⁸ Starting weight with integrated graphics and 14.1" WXGA+ display. Weights vary depending on configurations and manufacturing variability. ⁹ 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. ¹⁰ 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. ¹¹ Mobile broadband is subject to regional availability. 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. ¹² DVD-ROM drives may have write-capable hardware that has been disabled via firmware modifications. ¹³ Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility. ¹⁴ 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. Dell, the Dell logo, Latitude, RoadReady, QuickSet, Wi-Fi Catcher, ExpressCharge, CompleteCare are trademarks of Dell Inc. Intel and Core are registered trademarks of Intel Corporation. Microsoft and Windows are trademarks or registered trademarks of Microsoft Corporation. Other trademarks and trade names may be used in this document to refer to either entities claiming the marks and names of their products. Dell disclaims proprietary interest in the names and marks of others. Copyright 2007 Dell Inc. All rights reserved 06DCPG170_0407