Dell™ Latitude™ D531

Budget-conscious features and performance

The Dell Latitude D531 notebook is designed to help businesses stay up-to-date with technology without sacrificing the bottom line. This mainstream value notebook compliments the D520 with new processor options, improved security and enterprise-class features. At the same time, it offers the longer lifecycles, image stability and peripheral commonality that growing businesses have come to expect from the Latitude D-family.

Featuring dual-core AMD™ processor options, the Latitude D531 offers plenty of performance for the needs of most mobile business users. As the first in our Latitude family to offer TrueLife™ LCD technology, the D531 makes productivity a snap in nearly any environment — especially with the new widescreen options. Its full magnesium-alloy construction offers increased durability. And behind the scenes, the D531 empowers IT to strengthen endpoint security with built-in Trusted Platform Module (TPM) 1.2 and Wave EMBASSY® Trust Suite, plus an optional encrypted hard drive^.

Innovative Design: Advanced options and new levels of customisation

- Dual-core AMD Turion™ 64 mobile technology and AMD Sempron™ processors
- 7200 RPM and encrypted hard-drive^ options
- Choice of Microsoft® Windows Vista™ or Microsoft® Windows® XP Professional SP2
- Widescreen display options, including the first-ever Latitude offering of TrueLife technology
- Choice of Direct Deploy Services to help simplify image management and customisation
- 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

- Designed with a reinforced magnesium-alloy chassis and LCD back for rigidity
- Dell notebooks endure an average of 13,000 hours of rigorous testing
- Optional 9-cell battery for extended battery life

HyperConnect™: Keeps users connected virtually anytime, anywhere[1]

- 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[2]
- Integrated Bluetooth® makes it easy to sync your cell phone or PDA with a PC
- External mobile broadband access enabled via Express PC card

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 for robust file/folder encryption and much more

DELL™

Dell™ Latitude™ D531

SYSTEM

Processor Type	DAMD™ Sempron™ (with 256KB L2 cache) and Turion™ 64 X2 (with 1MB L2 cache)
Processor Features	AMD Sempron Processor 3500+ (1.80GHz), 3600+ (2.0 GHz), AMD Turion 64 x2 Dual Core TL50 (1.6GHz), TL56 (1.8GHz) and TL60 (2.0GHz)
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	AMD M690T Chipset
Memory	Min: 512MB DDR2 shared³ 667MHz; Max: 4GB4 DDR2 shared³ 667MHz
Display	Wide-aspect 14.1" WXGA (1280x800 resolution) 220 nits (brightness) or 15.4" WXGA (1280x800) 220 nits, or 15.4" WXGA+ TrueLife™ (1440x900) 250 nits
External Display	Supports up to a maximum resolution of WUXGA (1920 x 1200)
Graphics	Integrated ATI Radeon™ X1270 graphics solution³
Hard Drives	60, 80, 120GB⁵
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
Audio	High Definition Audio codec speaker, 1.0W (8 ohms), integrated omni-directional microphone
Dimensions	35 x 361 x 263mm (1.4" x 14.2" x 10.3")
Weight6	Starting at 5.1 lbs (2.3kg) with 14.1" WXGA, Travel Module and 4-cell battery. Starting at 5.7 lbs (2.6kg) with 14.1" WXGA, CD-ROM and 6-cell battery
Industrial Design	Magnesium-alloy base and LCD back, Laminar ID

POWER

Power Supply	65 Watt or 90 Watt AC adapter with cord wrapping; 65 Dell Slim Auto/Air/AC Adapter (Battery optimized mode only)
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	56K7 v.92 Internal Modem; 10/100/1000 Gigabit⁸ Ethernet network interface adapter
Wi-Fi	Dell Wireless 1390 (802.11g), Dell Wireless 1490 (802.11a/g), Dell Wireless 1505 (802.11a/g/n)
Bluetooth	Dell Wireless 360 Bluetooth® internal wireless card (upgradeable to Bluetooth® 2.1 EDR)

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, S-Video, 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-ROM9, 24X CDRW/DVD, 8X DVD+/-RW10 Floppy Disk Drive, Secondary 6-cell battery, 80GB4 Hard Drive or Travel Lite Module

SECURITY

Physical Security	Steel-reinforced Cable Lock Slot, Media Module and Hard Drive locks
User & System Security	Trusted Platform Module (TPM) 1.2 and 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 workstations and desktops some of the easiest and most cost-effective client systems you can own. DCM provides decentralised, remote control and automates common tasks associated with owning client systems. The results can be powerful: fewer deskside visits and repetitive tasks, greater visibility and control of client inventoryand usage, and improved consistency and compliance in the way client systems are configured.

ACCESSORIES

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

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