

## Dell Latitude D500



# Dell | Latitude D500

**Dell™ has taken everything that's made the Latitude™ C-series a big success and moved to a new level of notebook performance. Continuing with the Latitude core values of commonality, consistency and compatibility, the Latitude D-Family will embark on a new generation of technologies, form factors, intuitive designs and innovative common docking and module solutions. Dell Latitude notebooks offer mobile computing solutions designed to be customised for business and the Latitude D-Family is no exception.**

The Latitude D500 is designed for users who require essential productivity and dependable quality at a reasonable price. Even with this affordable price, the D500 doesn't skimp on features, using the Intel® Pentium® M processor and a bright 14.1" XGA Active Matrix (TFT) display. The D500 can be configured to offer Intel Centrino™ mobile technology featuring the Intel Pentium M processor, the 855GM chipset and Intel PRO/Wireless MiniPCI card.

### Intuitive form factors and design

The Latitude D500 is designed to be both easy to use and easy on your budget. Located on the side of the unit, the modular bay's innovative latch is designed for easy insertion and removal of the various D-Family module options. Protecting your investment is important and the D500's internal magnesium alloy frame helps to provide structural rigidity to protect what's inside your notebook.

### Docking solutions

The Latitude's ingenious D-Family docking solutions allow you to view your system at a whole new level. The Latitude D/View notebook stand elevates the notebook's LCD to a more comfortable viewing position, replacing the need for an external display and offering the convenience of an all-in-one desktop solution. Enjoy the convenience of D-Family docking with the Latitude D/Port Advanced Port Replicator.

### Dell wired and wireless communications solutions

Every Dell Latitude D500 features a wireless networking miniPCI card, 56K v.92-capable modem and 10/100 wired network card as part of the standard offering. Included in the wireless standard offering is a choice of either the Dell TrueMobile™ wireless LAN solutions or the Intel PRO/Wireless MiniPCI card. The Dell Latitude D500 also features an optional TrueMobile 300 integrated Bluetooth® solution.

### Performance and value with Intel Pentium M Processor and 855GM chipset

The Dell Latitude D500 features the latest Intel Pentium M processors, which utilise a new microarchitecture incorporating a power-optimised 400MHz processor system bus and aggressive clock gating designed for higher performance and lower power. These processors also feature 1MB of power-managed cache and enhanced Intel SpeedStep® technology. The D500 also incorporates the Intel 855GM chipset, which offers integrated graphics capability with AGP 4X and USB 2.0 support. The integrated graphics utilise the system memory as a shared resource for both system memory and graphics needs, dynamically allocating a portion of the memory to graphics based on the graphic demands of the applications currently in use. Up to 64MB of memory can be allocated to graphics, and with integrated video acceleration, you can view high-quality, full frame rate DVD on your notebook or connected external display with exceptionally low power consumption.

### Service and support<sup>2</sup>

The Dell Latitude D-Family offers you a superb selection of notebooks, each of which is designed to exceed your expectations and is backed by Dell's exceptional service and support. The D500 comes with 1 Year's 6-day Collect and Return service as standard, which is upgradable to 3 years' Next Business Day On-site service.



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## SYSTEM

<b>Processor</b>	Intel® Pentium® M processor 1.3GHz
<b>Cache</b>	1MB on-die L2 cache
<b>Chipset</b>	Intel 855GM Chipset
<b>Memory</b>	Double Date Rate (DDR) SDRAM at 266MHz (PC2100); Standard – 128MB; Maximum – 1GB; Memory module capacities – 128MB, 256MB and 512MB
<b>Display</b>	14.1" XGA TFT LCD; 1024 x 768 x 16.7 million colours
<b>Maximum External Resolution (CRT)</b>	1600 x 1200 (UXGA) x 16.7 million colours @ 85Hz (Pan mode on LCD/TV if active)
<b>Video</b>	Intel 855GM integrated UMA graphics chipset
<b>Hard Disk Drives*</b>	20GB EIDE/ATA-100; 30GB EIDE/ATA-100; 40GB EIDE/ATA-100 *Optional 40GB 2nd HDD Module for media bay
<b>Modem</b>	56K v.92 internal modem
<b>Wired LAN</b>	10/100 Ethernet LAN, DMI 2.0 and Wired for Management compliant
<b>Wireless LAN</b>	Choice of: – Dell TrueMobile™ 1300 WLAN (802.11b/g) Mini-PCI Card; Wi-Fi® compatible – Dell TrueMobile 1400 Dual Band WLAN (802.11a/b/g) Mini-PCI Card; Wi-Fi compatible – Intel PRO/Wireless 2100 WLAN (802.11b) MiniPCI; 802.11b industry standard; Wi-Fi compatible
<b>PC Card Slots</b>	One Type I or Type II
<b>Audio</b>	Intel AC97; Integrated Stereo Speakers
<b>Batteries</b>	Primary standard battery – Smart Lithium-ion (4-cell/32Whr) with external LED battery gauge and ExpressCharge™ capability Primary optional battery – Smart Lithium-ion (6-cell/48Whr) with external LED battery gauge and ExpressCharge capability Secondary module battery – Smart Lithium-ion (6-cell/48Whr) with LED battery gauge and ExpressCharge capability
<b>Keyboard</b>	87-key US; 88-key Europe; 91-key Japan; key travel – 2.7mm; key spacing – 19mm
<b>Pointing Device</b>	Touch Pad – PS/2 compatible
<b>Power Supply</b>	65-watt AC adapter with cord wrapping
<b>System Dimensions/Weight*</b>	31.7mm (h) x 318.7mm (w) x 259.7mm (d) With travel module and 4-cell battery: 2.17kg; With CD-ROM module and 4-cell battery: 2.4kg With travel module and 6-cell battery: 2.25kg; With CD-ROM module and 6-cell battery: 2.48kg *Weights vary depending on configurations and manufacturing variability

## I/O PORTS

<b>Serial</b>	9-pin connector; 16550-compatible, 16-byte buffer
<b>Parallel</b>	25-hole connector; normal, bi-directional or ECP
<b>Video</b>	15-hole connector
<b>Audio</b>	One headphone and one microphone
<b>Universal Serial Bus</b>	Two USB 2.0-compliant connectors
<b>Docking Connector</b>	280-pin for the D/Dock Family Expansion Station & D-Family Advanced Port Replicator
<b>S-Video</b>	7-pin mini-DIN (S-Video to composite video adapter is available as an option)
<b>Modem</b>	RJ-11 port
<b>Ethernet LAN</b>	RJ-45 port
<b>Infrared</b>	1 Infrared sensor compatible with IrDA® Standard 1.1 (Fast IR) and IrDA Standard 1.0 (Slow IR)

## MODULE BAY

<b>Standard Modules (included)</b>	CD-ROM Drive: 24X
<b>Optional Modules</b>	Floppy Disk Drive Module: 3.5", 1.44MB; USB dongle for external FDD operation; CD-RW (24X/10X/24X); DVD-ROM – 8X; CD-RW/DVD-ROM Combo Drive (8X/24X/10X/24X); 40GB Second HDD; Second 6-cell/48Whr Smart Lithium-ion Battery

## DOCKING OPTIONS

<b>D-Family Advanced Port Replicator</b>	Ports Offered: Power input, RJ-11, RJ-45, DVI, VGA, S-Video, Parallel, Serial, 2-PS/2, SPDIF, 4 USB 2.0, external D/Bay port, headphone
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## MANAGEABILITY

<b>Dell OpenManage™ Client</b>	OpenManage Client is designed to reduce the total cost of ownership by allowing customers to manage, support and track notebooks in a networked environment. IT managers can remotely access and manage portable specific attributes such as battery status, power management settings, PC Card information, and docking system connections. Asset Tag and Property Ownership Tag editing is also supported for comprehensive asset management. OpenManage Client adheres to industry standards such as DMI 2.0 and SMBIOS specifications
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## SECURITY

<b>Mobile User Security – Software</b>	Primary system password, Administrator password, Hard Disk Drive password
<b>Mobile Physical Security –</b>	Lock slots to secure system, system hard drive and docking solutions
<b>Cable Lock Slots</b>	
<b>Mobile Physical Security –</b>	Media modules can be locked to prevent removal
<b>Media Module Lock</b>	

## OPERATING SYSTEMS

<b>Operating System Versions Available</b>	Microsoft® Windows® 2000 Professional Service Pack 3; Microsoft Windows XP Professional Service Pack 1; Microsoft Windows XP Home Service Pack 1
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## WIRELESS COMMUNICATIONS OPTIONS

<b>Dell TrueMobile 300 Bluetooth® Module</b>	Optional Bluetooth 1.1 with BQB and BQTF Certification
<b>Dell TrueMobile 1170 Access Point</b>	SNMP and Remote Management features; IEEE 802.11b industry standard; Wi-Fi compatible
<b>Dell TrueMobile 1184 Wireless Broadband Router</b>	4 Fast Ethernet ports, DHCP server capability and NAT firewall built-in. Interoperable with IEEE 802.11b compliant systems, WECA Wi-Fi standard compliant

## MOBILE ACCESSORIES

<b>Mobile Accessories</b>	16MB or 64MB USB memory keys; Latitude Classic Nylon Carrying Case; Latitude Deluxe Nylon Carrying Case; Latitude Classic Leather Carrying Case; Latitude Deluxe Leather Carrying Case; Second 65-watt AC Adapter; Optional 90-watt AC Adapter; 17 country-specific power cords; External D/Bay (supported on D-Family only); D/View Notebook stand (can only be used with D-Family Port Replicator); D/Monitor Stand (can be used with D-Family); USB keyboard & mice; External CRT or Flat Panel Monitors; harman/kardon® HK 206 external speakers; S-Video to TV-Composite Out Cable
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## SERVICE & SUPPORT

<b>Service &amp; Support</b>	1 Year's Collect and Return (CAR) service <sup>2</sup> Notebook batteries are supplied with a 1-year warranty, which is not upgradable Custom Factory Integration and Image Management Services Installation Services CompleteCare accidental damage cover <sup>3</sup>
<b>Optional Services</b>	



### Dell recommends Microsoft® Windows® XP Professional for Business

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1. Download speeds are limited to 53Kbps. Upload speeds are less (about 30Kbps). Speeds can vary by line condition and modem manufacturer. Analogue phone line and service required. 2. Response times may vary according to the remoteness or accessibility of product location. Service may be provided via telephone or Internet where appropriate. Certain restrictions apply. 3. CompleteCare accidental damage cover from London General Insurance, available in selected countries, restrictions may apply. © 2003 Dell Computer Corporation. Dell, the Dell logo, Latitude, OpenManage and TrueMobile are registered trademarks or trademarks of Dell Computer Corporation. Intel, the Intel Inside Pentium M Processor logo, the Intel Inside Centrino logo and SpeedStep are registered trademarks or trademarks of Intel Corporation. Microsoft, Windows and the Windows logo are registered trademarks or trademarks of Microsoft Corporation. IrDA is a registered trademark of Infrared Data Association. harman/kardon is a registered trademark of Harman International Industries, Incorporated. WiFi is a registered trademark of the Wi-Fi Alliance. Bluetooth is a registered trademark of the Bluetooth SIG, Inc.

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