

Dell Latitude D505



Continuing with the Latitude core values of commonality, consistency and compatibility, Latitude D-Family embarks upon a new generation of technologies, form factors, intuitive designs and innovative common docking and module solutions. Dell Latitude notebooks offer mobile computing solutions optimized for business users.

The Latitude™ D505 notebooks are designed for users who require essential productivity and dependable quality at a great value. Even with its affordable price, the D505 notebooks don't skimp on features, using the Intel® Pentium® M or Celeron® M processors and choice of either a 15.0" or 14.1" Active Matrix (TFT) display. The D505 also offers Intel Centrino™ Mobile Technology featuring the Pentium M processor, the 855GME chipset and Intel® Pro Wireless MiniPCI card.

Intuitive Form Factors & Design

The Latitude D505 notebooks are 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 D505's internal magnesium alloy frame helps to provide structural rigidity to protect what's inside your notebook.

Docking Solutions

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 Replicator¹.

Dell Wired and Wireless Communications Solutions

Every Dell Latitude D505 notebook features a wireless networking mini-PCI card, 56K² 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 Wireless LAN solutions or the Intel® Pro Wireless MiniPCI card. The Dell Latitude D505 also features an optional TrueMobile™ 300 integrated Bluetooth solution.

Performance and Value with Intel® Celeron® M Processor and 855GME Chipset

The Dell Latitude D505 notebooks features Intel® Pentium® M and Celeron® M processors, which utilize a micro-architecture incorporating a power-optimized 400MHz front side bus and aggressive clock gating designed for higher performance & lower power. The Pentium M processors feature 1 or 2 MB of power managed cache and Intel SpeedStep® Technology. The new Celeron M processor provides good performance at a great value, and includes 512 KB of level 2 cache. The D505 notebooks also incorporate the Intel® 855GME chipset, which offers integrated graphics capability with 4X AGP and USB 2.0 support. The integrated graphics utilize 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.

International Service and Support³

The Dell Latitude D-Family offers you a superb selection of notebooks, each of which is designed to exceed your expectations and backed by Dell's exceptional service and support. The D505 comes standard with 1 or 3 year Next Business Day On-site⁴ service and International programs across 40 countries.



Easy as **DELL**™

Visit www.dell.com for more information.

Dell Latitude D505



SYSTEM

Processors	Intel® Pentium M® Processors up to 735 (1.70 Ghz, 2MB L2 cache); Intel® Pentium M® Processors up to 1.60 Ghz (1MB L2 cache); Intel® Celeron M® Processors up to 340 (1.50 Ghz, 512KB L2 cache)
Operating System Versions Available	Microsoft® Windows XP® Professional Service Pack 1 Microsoft® Windows XP® Home Service Pack 1 Microsoft® Windows® 2000 SP4 (with Windows® XP Professional license and media) Dell recommends Microsoft® Windows® XP
Cache	512KB on-die L2 cache - Celeron M processors; 1MB on-die L2 cache - Pentium M processors up to 1.6GHz; 2MB on-die L2 cache - Pentium M processor 725 or 735
Chipset	Intel 855GME Chipset
Memory	Double Date Rate (DDR) SDRAM (shared) ⁵ at 333MHz (PC2700); Standard - 128MB; Maximum - 2.0GB; Memory module capacities - 128, 256, 512MB and 1GB
Display	Choice of 14.1" or 15.0" XGA TFT LCD; 1024 x 768 with 16.7 million colors or 15.0" SXGA+ TFT LCD; 1400 x 1050 with 16.7 million colors
Maximum External Resolution (CRT)	1600 x 1200 (UXGA) x 16.7 million colors @ 85Hz (Pan mode on LCD/TV if active)
Video	Intel® 855GME integrated UMA graphics chipset
Hard Disk Drives*	30GB ATA-100; (4200RPM); 40GB ATA-100 (5400RPM); 60GB ATA-100 (4200RPM) *Optional 40GB (5400) 2nd HDD Module for media bay
Modem	56K ² v.92 internal modem
Wired LAN	10/100 Ethernet LAN, DMI 2.0 compliant
Wireless LAN	Standard Intel® Wireless 2200 WLAN (802.11b/g) Mini-PCI, Wi-Fi® compatible; Optional Intel® Wireless 2100 WLAN (802.11b) Mini-PCI, Wi-Fi® compatible; Optional Dell Wireless 1350 WLAN (802.11b/g) Mini-PCI Card, Wi-Fi compatible Optional Dell Wireless 1450 Dual Band WLAN (802.11a/b/g) Mini-PCI, Wi-Fi compatible
PC Card Slots	One Type I or Type II
Audio	Intel AC97; Integrated Stereo Speakers
Batteries	Primary battery - Smart Lithium-Ion (6-cell/53Whr) with external LED battery gauge and ExpressCharge™ capability Primary battery - Smart Lithium-Ion (4-cell/32Whr) with external LED battery gauge and ExpressCharge™ capability Secondary module battery - Smart Lithium-Ion (6-cell/48Whr) with LED battery gauge and ExpressCharge™ capability
Keyboard	87-Key US; 88-Key Europe; 91-Key Japan; Key travel - 2.5mm; Key spacing - 19mm
Pointing Device	Touch Pad - PS/2 Compatible
Power Supply	65-Watt AC adapter with cord wrapping
System Dimensions/Weight*	31.8mm/1.25" (h) x 273mm/10.75" (w) x 338.4mm/13.32" (d) 14.1" with 4-cell and airbay: 5.07 lbs (2.28 kg); 14.1" with 4-cell and CD-ROM: 5.60 lbs (2.54 kg); 14.1" with 6-cell and CD-ROM: 5.82 lbs (2.64 kg) 15" with 4-cell and airbay: 5.31 lbs (2.40 kg); 15" with 4-cell and CD-ROM: 5.84 lbs (2.65 kg); 15" with 6-cell and CD-ROM: 6.06 lbs (2.75 kg) *Weights vary depending on configurations and manufacturing variability.

I/O PORTS

Serial	9-pin connector; 16550-compatible, 16-byte buffer
Parallel	25-hole connector; normal, bi-directional or ECP
Video	15-hole connector
Audio	One headphone and one microphone
Universal Serial Bus	Two USB 2.0-compliant connectors
Docking Connector	280-pin for the D/Port Advanced Port Replicator
S-Video	7-pin mini DIN (S-Video to composite video adapter is available as an option)
Modem	RJ-11 port
Ethernet LAN	RJ-45 port
IEEE 1394	4-pin, Mini-1394, Non-powered
Infra Red	1 Infrared sensor compatible with IrDA Standard 1.1 (Fast IR) and IrDA Standard 1.0 (Slow IR)
Standard Modules (included)	CD-ROM Drive: 24X
Optional Modules	Floppy Disk Drive Module: 3.5", 1.44MB; USB dongle for external FDD operation; DVD-ROM - 8X; CDRW/DVD-ROM Combo Drive (24X/24X/24X/8X); 4XDVD + RW (4X/2.4X/8X/16X/10X/24X); 8XDVD + RW (8X/4X/8X/24X/16X/24X); 40GB Second HDD; Second 6-cell/48Whr Smart Lithium-Ion Battery

MODULE BAY

DOCKING OPTIONS

MANAGEABILITY

D/Port Advanced Port Replicator	Ports Offered: Power input, RJ-11, RJ-45, DVI, VGA, S-Video, Parallel, Serial, 2-PS/2, S/PDIF, 4 USB 2.0, external D/Bay port, headphone
Dell OpenManage™	Dell OpenManage™ is designed to reduce the total cost of ownership by enabling customers to manage, support and track systems in a networked environment. IT managers can remotely manage standard and 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. Dell OpenManage™ adheres to industry standards such as CIM and DMI specifications. For more information, visit www.dell.com/openmanage .

SECURITY

Mobile User Security - Software	Primary system password, Administrator password, Hard Disk Drive password
Mobile Physical Security - Cable Lock Slots	Lock slots to secure system, system hard drive and docking solutions
Mobile Physical Security - Media Module Lock	Media modules can be locked to prevent removal
Dell TrueMobile 300 Bluetooth Module	Bluetooth 1.2 with BQB and BQTF Certification
Dell TrueMobile 1170 Access Point	SNMP and Remote Management features; IEEE 802.11b industry standard; Wi-Fi® compatible
Dell TrueMobile 2300 Wireless Broadband Router	4 Fast Ethernet ports, DHCP server capability and NAT firewall built-in. Interoperable with IEEE 802.11b/g compliant systems, WECA Wi-Fi standard compliant

WIRELESS COMMUNICATIONS OPTIONS

MOBILE ACCESSORIES

Mobile Accessories	64MB ³ or 128MB ³ USB memory keys; Latitude Deluxe Nylon Carrying Case; Latitude Deluxe Leather Carrying Case; Second 65 Watt AC Adapter; Optional 90 Watt AC Adapter; Optional Dell Combination Power Adapter; 17 country-specific power cords; External D/Bay (supported on D/Port only); D/View Notebook stand (can only be used with D/Port Port Replicator); D/Monitor Stand (can be used with D/Port); USB Keyboard & mice; External CRT or Flat Panel Monitors; Dell A215 external speakers; S-Video to TV-Composite Out Cable
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SERVICE & SUPPORT

SERVICE & SUPPORT	1 or 3 Year Next Business Day On-site ⁴ Service
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Dell PCs use genuine Microsoft® Windows®. www.microsoft.com/privacy/howtotell
Dell's Terms and Conditions of Sales and Service apply and are available upon request. Dell is not responsible for errors in typography or photography.
1. The D505 is not compatible with the D/Dock Expansion Station. 2. Download speeds are limited to 53Kbps. Upload speeds are less than 30Kbps. Speeds can vary by line condition and modem manufacturer. Analog phone line and service required. 3. Program may be provided by third party. Availability limited. Other conditions apply. See www.dell.com/us/en/gms/services/service_service_plans.htm for current list of eligible systems and selected countries. External devices excluded; availability of specific parts varies in each country. 4. 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. 5. Up to 64 MB of system memory may be allocated to support graphics, depending on system memory size and other factors. 6. For writable storage devices, MB means 1 million bytes; total accessible capacity varies depending on operating environment. Dell, the Dell logo, Dell Latitude and TrueMobile are either registered trademarks or trademarks of Dell Inc. Intel, Intel inside logo and Pentium are registered trademarks of Intel Corporation. Microsoft, Windows and Windows NT are registered trademarks of Microsoft Corporation. Other trademarks and trade names are used to identify the entities claiming the marks and names of their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own. © Copyright 2004 Dell Inc. All rights reserved.

