# Dell | Latitude D505

**Continuing with the Latitude core values of commonality, consistency and compatibility, the Dell™ 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 optimised for business users.**

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

## Intuitive form factors and design

The Latitude D505 Series notebook 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 D505 Series' 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[1].

## Dell wired and wireless communications solutions

Every Dell Latitude D505 Series notebook features a wireless networking mini-PCI card, 56K[2] 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 Mini PCI card. The Dell Latitude D505 Series also features an optional TrueMobile 300 integrated Bluetooth® solution.

## Performance and value with Intel Pentium M and Celeron M Processors

The Dell Latitude D505 Series of notebooks features the latest Intel Pentium M and Celeron M processors, which utilise a micro-architecture incorporating a power-optimised 400MHz front side bus and aggressive clock gating designed for higher performance and lower power. The Pentium M processors feature 1MB of power-managed cache and Intel SpeedStep® technology. The new Celeron M processor provides good performance for great value and includes 512KB of level 2 cache. The D505 Series of notebooks also incorporates the Intel 855GME chipset, which offers integrated graphics capability with 4X AGP 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[3]

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 D505 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.

Dell Latitude D505

**Easy as** **DELL**™

Visit **www.euro.dell.com** for more information.

# Dell Latitude D505 Series

## SYSTEM

**Processors** . . . . . . . . . . . . . . . . . . . . . . . . . . . Intel® Pentium® M processor 1.4GHz or 1.5GHz; Intel Celeron® M processor 1.2GHz or 1.3GHz

**Operating System Versions Available**. . . . . Microsoft® Windows® 2000 Professional Service Pack 4; Windows XP Professional Service Pack 1; Windows XP Home Service Pack 1 – **Dell recommends Microsoft® Windows® XP**

**Cache** . . . . . . . . . . . . . . . . . . . . . . . . . . . . . **Pentium M**: 1MB on-die L2 cache; **Celeron M**: 512KB on-die L2 cache

**Chipset** . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Intel 855GME Chipset

**Memory**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . Double Data 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 x 16.7 million colours

**Maximum External Resolution (CRT)** . . . . . 1600 x 1200 (UXGA) x 16.7 million colours @ 85Hz (Pan mode on LCD/TV if active)

**Video** . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Intel 855GME integrated UMA graphics chipset with up to 64MB shared video memory

**Hard Disk Drives*** . . . . . . . . . . . . . . . . . . . . 20GB ATA-100; 30GB ATA-100; 40GB ATA-100; 60GB ATA-100
*Optional 40GB 2nd HDD Module for media bay

**Modem** . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 56K² v.92 internal modem

**Wired LAN** . . . . . . . . . . . . . . . . . . . . . . . . . . 10/100 Ethernet LAN, DMI 2.0-compliant

**Wireless LAN**. . . . . . . . . . . . . . . . . . . . . . . . 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) 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**. . . . . . . . . . . . . . . . . . . . . . . . . . . . 88-Key Europe; Key travel – 2.7mm; Key spacing – 19mm

**Pointing Device** . . . . . . . . . . . . . . . . . . . . . . Touch Pad – PS/2 Compatible

**Power Supply**. . . . . . . . . . . . . . . . . . . . . . . . 65-watt AC adapter with cord wrapping

**System Dimensions/Weight*** . . . . . . . . . . . 31.8mm (h) x 273mm (w) x 338.4mm (d)
14.1" with 4-cell and airbay: 2.28kg; 14.1" with 4-cell and CD-ROM: 2.54kg;
14.1" with 6-cell and CD-ROM: 2.64kg
15" with 4-cell and airbay: 2.40kg; 15" with 4-cell and CD-ROM: 2.65kg;
15" with 6-cell and CD-ROM: 2.75kg
*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

**Infrared** . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1-infrared sensor compatible with IrDA® Standard 1.1 (Fast IR) and IrDA Standard 1.0 (Slow IR)

## MODULE BAY

**Standard Modules (included)**. . . . . . . . . . . CD-ROM Drive: 24X

**Optional Modules** . . . . . . . . . . . . . . . . . . . . Floppy Disk Drive Module: 3.5", 1.44MB; USB dongle for external FDD operation; 4XDVD+RW drive; 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

**D/Port Advanced Port Replicator**. . . . . . . . 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

## MANAGEABILITY

**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 –** . . . . . . . . . . . . Lock slots to secure system, system hard drive and docking solutions
**Cable Lock Slots**

**Mobile Physical Security –** . . . . . . . . . . . . Media modules can be locked to prevent removal
**Media Module Lock**

## WIRELESS COMMUNICATIONS

**Dell TrueMobile 300 Bluetooth® Module** . . Bluetooth 1.1 with BQB and BQTF Certification

## OPTIONS

**Dell TrueMobile 1170 Access Point**. . . . . . SNMP and Remote Management features; IEEE 802.11b industry standard; Wi-Fi compatible

**Dell TrueMobile 2300 Wireless** . . . . . . . . . 4 Fast Ethernet ports, DHCP server capability and NAT firewall built-in. Interoperable with IEEE 802.11b/g compliant systems,
**Broadband Router** WECA Wi-Fi standard compliant

## MOBILE ACCESSORIES

**Mobile Accessories** . . . . . . . . . . . . . . . . . . 64MB⁶ or 128MB⁶ 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/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; harman/kardon® HK 206 external speakers; S-Video to TV-Composite Out Cable

## SERVICE & SUPPORT

**Service & Support** . . . . . . . . . . . . . . . . . . . 1 year's Collect and Return (CAR) service, upgradable to 3 years' Next Business Day On-site Service

**Dell PCs use genuine Microsoft® Windows®**
**www.microsoft.com/piracy/howtotell**

**Easy as** DELL™

**Visit www.euro.dell.com for more information.**