

Dell Latitude C640



Pentium 4 impact in a thin and light notebook for Dell's ultimate in "power density." With Intel's Mobile Pentium 4 Processor, the C640 boasts the highest performance ever in Latitude thin and light design. Combined with a new 32MB ATI MOBILITY RADEON 7500 graphics engine, this notebook is designed for road warriors who require maximum performance "to go".



Creating a really great business notebook means creating high value solutions in addition to top-notch specifications. So our new high performance C640 doesn't skimp on the hardware; compared to its predecessor, the C640 incorporates a faster chipset, faster memory, a new video chipset with significant improvements in 3D performance, faster hard drives, and higher density batteries. To maximize the value, we maintained Latitude's legendary C-Series legacy keeping it fully compatible with the entire C-series family of media modules, batteries, and docking solutions.

Dell Notebooks are the #1 choice of professionals worldwide, and the C600 series is our most popular offering. If you need a notebook that's designed for maximum performance on the road, you will find the C640 a perfect fit.

High Performance with the Latest Mobile Intel Pentium 4 Processor-M and new Intel 845MP chipset

The C640 uses Mobile Intel Pentium 4 processors-M at 1.60, 1.80 & 2.00GHz and the new Intel 845MP chipset. The new chipset supports a 400MHz Processor System Bus (PSB) and up to 1.0GB of PC2100 Double Data Rate system memory running at 266MHz. Combined with new optional high speed hard disk drives (5400RPM) and larger 66Whr batteries, this notebook brings new performance levels to mobile computing.

Improved graphics and brilliant color displays

The Latitude C640 features an ATI MOBILITY RADEON 7500 graphics engine with 4X AGP, and 32MB of double data rate (DDR) SDRAM video memory. The ATI 7500 chipset delivers outstanding improvements in 3D graphics performance (Up to 110% faster than previous Latitude C610 performance depending on benchmark). Choose from a 14.1" XGA (1024 x 768) TFT LCD or an optional high density 14.1" SXGA+ (1400 x 1050) TFT LCD. C640 also implements a new LCD which allows the user to significantly reduce LCD panel brightness for improved control, privacy, and battery life.

Dell TrueMobile™ Wireless Solutions

The Latitude C640 is wireless ready. Each system has dual integrated antennas, so you work untethered without susceptible external cards or antennas. You can also upgrade to wireless communications anytime in the future with easy to install customer kits.

Fully integrated communications, both wired and wireless.

The C640 features a fully integrated 56K¹ V.92 modem and 10/100 Ethernet. An internal MiniPCI slot is designed to exclusively support 802.11 wireless² technology. This combination allows greater user flexibility as the external PCMCIA slot can support other devices even when maximum communication versatility is required.

Flexibility and comfort

The Dell DualPoint integrated pointing device, which incorporates both a touchpad and a track stick, provides the flexibility of using either device or both at the same time.

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SYSTEM

Processors	Mobile Intel® Pentium® 4 processor-M 2.0GHz with XGA or SXGA+ LCDs Mobile Intel Pentium 4 processor-M 1.8GHz with XGA or SXGA+ LCDs Mobile Intel Pentium 4 processor-M 1.6GHz with XGA LCD display only
Cache .....	.512KB on-die L2 cache
Chipset	Intel 845MP Chipset
Memory	Double Date Rate (DDR) SDRAM at 266MHz (PC2100); Standard - 128MB; Maximum - 1.0GB; Memory module capacities - 128, 256, 512MB
Screens .....	.14.1" SXGA+ TFT LCD (not available on 1.6GHz configurations); 1400 x 1050 x 16.7 million colors .14.1" XGA TFT LCD; 1024 x 768 x 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	Video Controller - ATI MOBILITY RADEON 7500 ; Video Memory - 32MB DDR SDRAM; Video Type - 64-bit hardware accelerated, 4X AGP support
Hard Disk Drives* .....	.20GB* EIDE/ATA-100; 30GB* EIDE/ATA-100; 40GB* EIDE/ATA-100; 40GB* EIDE/ATA-100 (High Speed 5400RPM) * Optional 40GB 2nd HDD Module for media bay or C/Dock II Expansion Station media bay
Modem .....	.56K ¹ , v.92 internal modem
Ethernet LAN .....	.10/100 Ethernet LAN; 3Com ² 3C920 10/100 Base-TX chipset; PC99, DMI 2.0 and Wired for Management compliant
PC Card Slots .....	.Two Type I or Type II cards or One Type III card
Audio .....	.Audio Type - AC97 (Soft Audio); Audio controller - ICH3, Cirrus Logic SC4205; Integrated Stereo Speakers
Batteries .....	.Smart Lithium-Ion (8-cell/66Whr) with external LED battery gauge with ExpressCharge™ capability
Keyboard .....	.87-Key US; 88-Key Europe; 91-Key Japan; Key travel - 2.7mm; Key spacing - 19mm
Pointing Device - Dell DualPoint .....	.Touch Pad - PS/2 Compatible; Track Stick - PS/2 Compatible
Power Supply .....	.70 Watt AC adapter
System Dimensions/Weight* .....	.319.5mm (w) x 253.6mm (d) x 36.8mm (h); 12.5" (w) x 9.9" (d) x 1.4" (h) With Travel module and 8-cell battery: 2.4kg/5.4lbs With FDD module and 8-cell battery: 2.7kg/5.9lbs With CD-ROM module and 8-cell battery: 2.7kg/6.0lbs *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
PS/2 .....	.6-pin mini-DIN connector
Audio .....	.One headphone, one microphone and one stereo speaker line-out
Universal Serial Bus .....	.USB-compliant connector
Docking Connector .....	.200-pin for the C/Dock Family Expansion Station & C/Port Family Advanced Port Replicator
S-Video .....	.7-pin mini DIN (S-Video to composite video adapter is also included with the computer)
Modem .....	.RJ-11 port
Ethernet LAN .....	.RJ-45 port

MEDIA BAY

Standard Modules (included) .....	.Floppy Disk Drive Module: 3.5", 1.44MB CD-ROM Drive (IDE): 24X max FDD Parallel port for simultaneous CD/FDD operation
Optional Modules .....	.CD-RW (24X/10X/24X) DVD-ROM - 8X max CD-RW/DVD-ROM Combo Drive (8X/24X/10X/24X) Zip 250 40GB ³ Second HDD Second 8-cell/66Whr Smart Lithium-Ion Battery

DOCKING OPTIONS

C/Dock II Expansion Station .....	.Ports Offered: 2 x PCI card expansion slots, parallel, serial, video, line-in, line-out, mic, 2 x PS/2, 2 x USB, Infrared, UltraSCSI 2, RJ-45, Power-input
C/Port II Advanced Port Replicator .....	.Ports Offered: parallel, serial, video, line-out, 2 x PS/2, 2 x USB, Infrared, RJ-45, Power-input

MANAGEABILITY

Dell OpenManage™ Client .....	.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
Mobile Security - Software .....	.Protection against unauthorized access: Primary system password; Administrator password; Hard Disk Drive password
Mobile Security - Physical .....	.Kensington Lock compatible
Dell AccessDirect™ .....	.Located above the keyboard, the AccessDirect button allows you to quickly access a frequently used program, such as e-mail or an internet site. IT Managers can remotely program this button to access their own internal support sites with a simple registry change.
Operating System Versions Available .....	.Windows® 2000 Professional Service Pack 2 Windows 2000 Professional Service Pack 3 Windows XP® Professional Windows XP Home

OPERATING SYSTEMS

Dell True Mobile™ 1150 Wireless Mini PCI Card .....	.IEEE 802.11b ² industry standard; Wi-Fi™ compatible
Dell True Mobile 1150 Wireless PC Card .....	.IEEE 802.11b ² industry standard; Wi-Fi™ compatible
Dell True Mobile 1170 Access Point .....	.SNMP and Remote Management features; IEEE 802.11b industry standard; Wi-Fi™ compatible
Dell True Mobile 1170 Wireless Base Station .....	.Optimized for Small Business applications; IEEE 802.11b industry standard; Wi-Fi compatible
Combo Modem/Ethernet .....	.Xircom RealPort CardBus 10/100 Ethernet & 56K Modem PC card (Type III) (only required for ISDN & GSM support)

WIRELESS COMMUNICATIONS OPTIONS

PC CARDS MOBILE ACCESSORIES

Mobile AccessoriesLatitude Leather Carrying Case Latitude Nylon Carrying Case Second 70 Watt AC adapter Second 90 Watt AC adapter (recommended for C-Dock) Second High Capacity Smart Lithium-Ion Battery (8 cell) for media bay Kensington Security Lock
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- Download speeds limited to 53Kbps. Upload speeds are less (about 30Kbps) and vary by modem manufacturer and line conditions. Analog phone line and compatible server required.
 - Connect at a rate of 11Mbps up to 160m from connected access point. Range and speed may vary due to number of users, interference, transmission barriers (such as walls and building material), and other factors.
 - Service may be provided by a third party. Technician will be dispatched if necessary following phone-based troubleshooting. To receive next business day service, Dell must notify the service provider before 5pm (depending on service contract) customer time. Availability varies.
 - For hard drives, GB means 1 billion bytes; total accessible capacity varies depending on operating environment.
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