

Dell, our vision has evolved

It started with our direct approach – one-to-one, intimate customer relationships – no middlemen, no dealers nor distributors. This along with our manufacturing flexibility and build-to-order policy helped us to become one of the world's largest computer systems manufacturers.

**E-Leadership** Today our direct vision has evolved. We are considered a model for how to do business on the Internet. We have enabled our infrastructure, developed E-processes to maximize our operational efficiency and effectiveness – everything in fact from being integrated with suppliers to e-commerce, to customer support, and with one of the world's largest commercial web sites.

**Built to order** You are no longer restricted in computer choices by 'what's in the box'. At Dell we build high quality computer systems from notebooks to networks incorporating the latest, relevant, proven technology – configured to your exact specifications – every time. Dell products and services are sold in more than 170 countries and territories around the globe.

**Customized service and support** Our service solutions address your key business issues. In fact, Dell experts can help you every step of the way – from custom integration of software, to installation and beyond.

## Dell Latitude C840

### Dell Latitude C840: Desktop Performance Goes Mobile

Blazing bus speeds, Double Data Rate memory, and Mobile Intel® Pentium® 4 processors-M are now available on a mobile platform. The Dell™ Latitude™ C840 implements all these technologies and more into a three spindle mobile platform for desktop computing performance anywhere.

The C840 is built for performance with Mobile Intel Pentium 4 Processors-M running at 1.60, 1.80 and 2.0GHz and an Intel 845MP chipset to support features such as a 400MHz Processor System Bus (PSB), PC2100 Double Data Rate (DDR) memory running at 266MHz, and ATA-100 HDDs with up to 60GB capacity. All this is displayed by the integrated nVidia® graphics controller with 32 or 64MB DDR video memory on high resolution 15" Ultra Sharp™ UXGA or SXGA+ displays.

Plus with wireless ready capability and Dell's TrueMobile™ wireless LAN solution, it allows highly mobile users to stay connected.

True to the Latitude C-Series legacy, the C840 retains backwards and forwards compatibility with all Latitude C-Family media modules and docking solutions<sup>2</sup>.

#### High performance

The C840 uses Mobile Intel Pentium 4 processors-M at 1.60, 1.80 & 2.0GHz and the new Intel 845MP chipset. The chipset supports a 400MHz Processor System Bus (PSB) and up to 1.024GB of PC2100 Double Data Rate system memory running at 266MHz. With an integrated nVidia graphics controller with up to 64MB DDR video memory, 4X AGP graphics, and ATA-100 HDDs up to 40GB, the C840 truly delivers desktop performance.

#### Spectacular graphics

Equipped with high resolution 15" TFT displays at SXGA+ (1400x1050), UXGA, or Ultra Sharp™ (1600x1200) and nVidia's latest GeForce4 440 Go graphics controller with 32 or 64MB DDR video memory, the C840 delivers blazing graphics performance.

#### Versatile 3-spindle design

The C840 uses an all-in-one design, allowing simultaneous use of two optical drives or alternatively a single optical drive and another C-Family module, providing a high level of flexibility and configurability. It incorporates a fixed optical bay for a CD, CD-RW, DVD or DVD/CD-RW Combo Drive, in addition to a C-Family media bay for other C-Family modules, or a second battery for twice the battery life if desired.

#### Integrated communications

The C840 features the same v.92 modem and a 3Com 10/100 Base-TX Ethernet NIC used by other mainstream Dell Latitude systems integrated directly onto the system motherboard. Since the modem and NIC are integrated, the mini-PCI slot remains available for optional wireless upgrades.

#### Dell TrueMobile™ wireless solutions

The Latitude C840 is wireless ready. Each system has an integrated antenna so you can quickly and simply upgrade to a wireless network via the optional TrueMobile mini-PCI 802.11b wireless LAN card.

#### Dell DualPoint capability

The Dell DualPoint integrated pointing device, which incorporates both a touch pad and a track stick, gives the flexibility for using either device or both at the same time.

#### 3 Years international service<sup>3</sup>

Award-winning U.S. service and support with 3 years Next Business Day On-site<sup>4</sup> service with International programs across 40 countries gives you added peace of mind.



# Dell Latitude C840

## Options for your built-to-order system

### SYSTEM

#### Processors

Mobile Intel® Pentium® 4 processors-M at 1.60, 1.80 and 2.0GHz

#### Cache

512KB on-die L2 cache

#### Chipset

Intel 845MP Chipset  
400MHz Processor System Bus (PSB)

#### Memory

- 128 MB PC2100 Double Data Rate (DDR) SDRAM standard
- Maximum DDR SDRAM 1024 MB, PC2100
- Memory module capacities 128, 256, 512 MB PC2100

#### Displays

- 15" TFT LCDs with 32-bit color depth SXGA+: 1400 x 1050 x 4.2 billion colors (1.60GHz config)
- UXGA: 1600 x 1200 x 4.2 billion colors (1.60 & 1.80GHz configs)
- Ultra Sharp™ UXGA: 1600 x 1200 x 4.2 billion colors (2.0GHz config)

#### Maximum external resolution (CRT)

1600 x 1200 (UXGA) at 4.2 billion colors max @ 60/70/75/85Hz  
(Fan mode on LCD/TV if active)

#### Video

- Video Type -256 bit hardware accelerated, 4X AGP support
- Graphics Controller: nVidia® GeForce4 440 Go™ with 32MB DDR video memory standard
- Optional nVidia GeForce4 440 Go with 64MB DDR video memory

#### Hard Disk Drives

- 20GB\* EIDE/ATA-100
- 30GB\* EIDE/ATA-100
- 40GB\* EIDE/ATA-100
- 40GB\* EIDE/ATA-100 - High Performance 5400 RPM

Optional 2nd HDD Module for media bay or C/Dock II Expansion Station media bay

#### PC Card Slots

Two Type I or II cards or one type III card CardBus and Zoom Video support (bottom slot)

#### Audio

Audio Type - SoundBlaster (software emulation capable)  
Audio controller - Crystal CS4205  
Integrated Speakers Stereo (2 x 4 ohm)  
Integrated microphone

#### Battery

Smart Lithium-Ion with external LED battery gauge  
Capacity 8-Cell with ExpressCharge™ capability

#### Keyboard

88 Key  
Key travel Europe  
3mm  
Key spacing  
19mm

#### Pointing Device – Dell DualPoint

Touch Pad – PS/2 compatible  
Track Stick – PS/2 compatible

#### Power Supply

90 Watt AC Adapter

#### System Dimensions

15" LCD Configuration  
– 13.03" (w) x 10.87" (d) x 1.75" (h)

#### System Weights\*

- 15" SXGA+ Configurations
  - With CD-ROM/Travel module - 7.37 lbs.
  - With CD-ROM/FDD module - 7.89 lbs.
  - 15" UXGA Configurations
  - With CD-ROM/Travel module - 7.39 lbs.
  - With CD-ROM/FDD module - 7.91 lbs.
- \*Weights may vary depending on configuration 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

#### Infra red

IrDA v 1.1 (Fast IR) & IrDA v 1.0

#### Audio

Microphone-in, line-in audio-in, headphones/speaker

#### Universal Serial Bus

2 x USB-compliant connectors

#### 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, supports SP/DIF)

#### IEEE 1394

4-pin, Mini-1394, Non-powered

#### Modem

56K\* V.92 capable internal modem

#### Ethernet LAN

10/100 Ethernet LAN  
3Com® 3C920 10/100 Base-TX chipset  
PC99, DMI 2.0, and Wired for Management compliant

### FIXED OPTICAL DRIVE\*

#### Choice of the following optical devices:

#### Standard

CD-ROM Drive (IDE): 24X (max)

#### Optional

- DVD-ROM – 8X (max)
- CD-RW – 24X (write CD-R)/10X(write CD-RW)/24X(read CD) max
- DVD/CD-RW Combo – 8X (Read DVD)/24X (Write CD-R)/10X (Write CD-RW)/ 24X (Read CD) max

\*Configurable only at point of order

### MEDIA BAY (SWAPPABLE)

#### Standard Module

– Floppy Disk Drive Module: 3.5", 1.44MB

#### Optional Modules for the Media Bay

- CD-RW - 24X (write CD-R)/10X(write CD-RW)/24X(read CD) max
- DVD-ROM – 8X (max)
- DVD/CD-RW Combo - 8X (Read DVD)/24X (Write CD-R)/10X (Write CD-RW)/ 24X (Read CD) max
- Zip 250
- Second HDD for notebook external media bay or C/Dock II media bay
- Second Smart Lithium-Ion Battery
- Second floppy disk drive for media bay in C/Dock II

### DOCKING OPTIONS\*

#### C/Dock II Expansion Station\*

Ports Offered: 2 x PCI card expansion slots, parallel, serial, external monitor, line-in, line-out, mic, PS/2 keyboard, PS/2 mouse, 2 x USB, Infra red (IrDA v. 1.1 compatible), Ultra SCSI 2, 10/100BaseTX (RJ-45), AC power and adapter.

#### C/Port II Advanced Port Replicator\*

Ports Offered: parallel, serial, external monitor, line-out, PS/2 keyboard, PS/2 mouse, 2 x USB, Infra red (IrDa v. 1.1 compatible), 10/100BaseTX (RJ-45), AC power and adapter.

### MANAGEABILITY

#### Dell OpenManage™ Client

OpenManage Client Instrumentation (OMCI) is designed to help reduce the total cost of ownership by providing remote monitoring of the notebook in a networked environment. The instrumentation allows remote monitoring of specific attributes such as battery status, power management settings, display type, PC cards, SMART hard drive status, variable drive capacity thresholds and other information. OpenManage Client adheres to industry standards such as DMI 2.0s and WBEM specifications.

#### Power Management ACPI

– Windows® 2000 Professional

#### Mobile Security – Software

- Protection against unauthorized access;
- Primary system password
- Administrator password
- Hard Disk Drive password

#### Mobile Security – Physical

– Kensington Lock

#### Dell AccessDirect™

– New to the Latitude C840 is the Dell AccessDirect button. 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. The individual user can also program this button.

#### Utility Software

– On-line Hypertext user guide

### OPERATING SYSTEMS

#### Operating System Versions Available

- Windows 2000 Professional
- Windows XP Home and Professional

### SERVICE & SUPPORT

- 3 Years Next Business Day On-site\* Service
- Optional services: Installation Services

### ADDITIONAL WIRELESS LAN

#### OPTIONS\*

Dell TrueMobile™ 1150 Wireless mini-PCI Card  
Dell TrueMobile™ 1150 Wireless PCMCIA Card  
Dell TrueMobile™ 1170 Wireless Access Point

### MOBILE ACCESSORIES

- Full range of media bay modules  
CD, CD-RW, DVD, DVD/CD-RW Combo, FDD, 2nd HDD, Zip 250
- Latitude Leather Carry Case
- Latitude Nylon Carry Case
- Second 90 Watt AC Adapter
- Second Smart Lithium-Ion Battery
- Kensington Security Lock

### PC CARDS

- Combo Modem/Ethernet  
Xircom RealPort CardBus 10/100 Ethernet & 56K\* Modem PC card (Type III) (only required for ISDN & GSM support)

Protect your investment with Dell support. Technical support when you need it.

For more information on the Dell Latitude line of notebooks, please contact a Dell representative at the following:

Dell PCs use genuine Microsoft® Windows®. [www.microsoft.com/piracy/howtotell](http://www.microsoft.com/piracy/howtotell)

Dell's Terms and Conditions of Sales and Service apply and are available upon request. Dell cannot be held responsible for errors in typography or photography.  
1. 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.  
2. Latitude C840 is fully compatible with C/Dock II, C/Port II, C/Dock, and C/Port. However, 30 Watt AC adapters are required for C840 use in any of these solutions. Since all Latitude docking solutions shipped through the end of February 2002 were shipped with 70 Watt AC adapters, customers wishing to use existing Latitude docking solutions will need to upgrade the AC adapter by purchasing a new 30 Watt AC adapter.  
3. Program may be provided by a third party. Availability limited. Other conditions apply. See [www.dell.com/us](http://www.dell.com/us) 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 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.  
5. For hard drives, GB means 1 billion bytes; total accessible capacity varies depending on operating environment.  
6. Download speeds limited to 56Kbps. Upload speeds are less (about 30Kbps) and vary by modem manufacturer and line conditions. Analog phone line and compatible server required.  
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