

# Dell™ Latitude™ D520



## Essential Productivity, Exceptional Value

Dell™ recommends Windows® XP Professional



The Latitude D520 delivers exceptional value with many of the latest technologies and a generous set of features. IT managers will appreciate the excellent quality, common peripherals and support for key industry trends such as 802.11n Wi-Fi and the new Microsoft® Windows Vista™ operating system provided by the Latitude D520. Users are delighted by its long battery life, 15" standard aspect LCD option and abundant ports. The Latitude D520 is the smart choice for productivity and value.

### RoadReady™ Quality: Extended Durability

- Uncompromised quality for years of reliable performance
- A magnesium alloy frame and Dell's patented Strike Zone™ deliver a rigid and durable system
- Over 13,000 hours of testing during the development phase to ensure RoadReadiness
- Spill-resistant keyboard helps protect internal circuitry from accidental spills
- Complete your experience with optional Dell CompleteCover™ Accidental Damage Service<sup>8</sup>

### Innovative Design: Designed with usability in mind

- Next generation of Intel® mobile technology
- Dell's QuickSet™ software allows users to customize wireless, power and display settings
- Freedom to work where you want with dual battery capability, and QuickSet Battery Health Meter and power management options
- Dell's Location Profiler empowers users to configure mobility settings for easy adapter and profile switching

### Smart Security: A comprehensive but flexible security suite

- WPA2 & CCX compatibility enables the ability to deploy the level of network security you need
- Help defend against viruses and worms with optional Anti-Virus, Anti-Spam and Anti-Spyware

### HyperConnect™: Wireless - extended connectivity

- Dual-band capable Wi-Fi (802.11a/b/g) gives you access to private and public hotspots<sup>9</sup>
- The 802.11n-ready design enables superior wireless performance by supporting next generation Wi-Fi standard
- The Bluetooth 2.0 EDR enables cable-free connections to Bluetooth-enabled personal devices and peripherals

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FEATURES	Dell Latitude D520
<b>SYSTEM</b>	
<b>Processor Type</b>	Intel® Core™ Duo processors 667MHz Front Side Bus & 2MB/4MB Smart L2 Cache Intel® Celeron® M processors 533 MHz Front Side Bus & 1M L2 Cache
<b>Processor Features</b>	Intel® Core™ Duo processor T2300E (1.66GHz) T2400 (1.83GHz), Intel® Core™ 2 Duo processor T5500 (1.66GHz) and T5600 (1.83GHz), Intel® Core™ 2 Duo processor T7200 (2.00GHz), Intel® Celeron M processor 410 (1.46GHz), 420 (1.60GHz) , 430 (1.73GHz)
<b>Operating systems</b>	Genuine Windows® XP Professional SP2, genuine Windows XP Home SP2
<b>Chipset</b>	945GM or 915GML
<b>Memory</b>	Min. 512MB DDR2 shared <sup>1</sup> ; 533 or 667MHz Max. 4GB <sup>2</sup> DDR2 shared <sup>1</sup> 533 or 667MHz
<b>Displays</b>	Standard aspect 14.1" XGA (1024 x 768 resolution), 15" XGA (1024 x 768 resolution) or 15" SXGA+ (1400 x 1050 resolution)
<b>External Display Graphics</b>	Supports up to a maximum resolution of WUXGA (1920 x 1200) Intel® Graphics Media Accelerator 950 (Up to 64MB shared with 256MB system memory or up to 128MB shared with 512MB system memory)
<b>Hard drives</b>	40, 60, 80, 100 & 120GB <sup>2</sup>
<b>Keyboard</b>	87-Key US, Canada, China; 88-Key Europe; 89-Key Brazil; 91-Key Japan; Key travel 2.5mm; Key spacing 19.05mm; Sealed keyboard design
<b>Pointing Device</b>	Touch pad - PS/2 compatible
<b>Audio</b>	High Definition Audio codec speaker, 1.0W (4 ohms), integrated omni-directional microphone
<b>Dimensions</b>	H 35.8mm/1.4" x W 338.3mm/13.3" x D 273mm/10.75"
<b>Weight<sup>10</sup></b>	Starting weight of 2.38kg with 14.1" display, Travel Lite Module and 4-cell battery Starting weight of 2.6kg with 14.1" display, CDRW/DVD <sup>4</sup> drive and 6-cell battery
<b>POWER</b>	
<b>Power Supply</b>	65 Watt or 90 Watt AC adapter with cord wrapping
<b>Batteries</b>	Primary 4-cell/32Whr "Smart" Lithium Ion battery with external battery gauge and ExpressCharge™ Primary 6-cell/56Whr "Smart" Lithium Ion battery with external battery gauge and ExpressCharge™ Secondary 6-cell/48Whr "Smart" Lithium Ion battery with external battery gauge and ExpressCharge™
<b>CONNECTIVITY</b>	
<b>Wired</b>	56K <sup>3</sup> v.92 Internal Modem; 10/100 Ethernet LAN
<b>Wi-Fi:</b>	Intel® PRO/Wireless 3945A/G (802.11a/g), Dell Wireless 1490 (802.11a/g), Dell Wireless 1390 (802.11g)
<b>Bluetooth:</b>	Dell Wireless 350 Bluetooth internal wireless card
<b>EXPANDABILITY</b>	
<b>PC Card</b>	One Type I or Type II; Supports 34mm ExpressCard via USB interface through PCMCIA adapter
<b>I/O Ports</b>	Serial, IEEE-1394, docking connector, 4 USB, VGA, S-Video, headphone/speaker out, infrared port, RJ-11, RJ-45, AC power
<b>Docking</b>	D/Port, D/Dock, D/View Notebook Stand, D/Monitor Stand
<b>Modular Options</b>	24X CD-ROM, 8X DVD <sup>4</sup> -ROM, 24X CDRW/DVD, 8X DVD+/-RW <sup>5</sup> , Floppy Disk Drive, Secondary 6-cell battery, 80GB <sup>2</sup> Hard Drive or Travel Lite Module
<b>USB Memory Keys</b>	128MB, 256MB and 512MB USB Memory Keys <sup>7</sup> (optional)
<b>SECURITY</b>	
<b>Physical Security</b>	Steel-reinforced Cable Lock Slot, Media Module and Hard Drive locks
<b>User &amp; System Security</b>	Optional Smart Card reader via USB or PCMCIA; primary system, hard drive and administrator passwords
<b>Network Security</b>	802.11 WiFi Protected Access (WPA), 802.11i (WPA2), Virtual Private Networks (VPN) 802.1x with EAP modes and compatible CCX 4.0
<b>MANAGEABILITY</b>	
<b>Dell OpenManage™</b>	Helps reduce the total cost of ownership by enabling IT departments to manage and support networked systems. OpenManage enables software deployment and migration, hardware configuration and system health, asset management and remote support. For more information visit: <a href="http://www.dell.com/openmanage">www.dell.com/openmanage</a> .
<b>ACCESSORIES</b>	
<b>Accessories</b>	New Latitude nylon carrying case and backpack, external USB keyboard and mouse, CRT and flat panel monitors
<b>SERVICE &amp; SUPPORT</b>	
<b>Service &amp; Support</b>	1 Year Next Business Day On-site Service <sup>7</sup>

1 Up to 224 MB of system memory may be allocated to support graphics, depending on system memory size and other factors.

2 For hard drives, GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

3 Modem download speeds are limited to 53Kbps. Upload speeds are less (about 30Kbps). Speeds can vary by line condition and modem manufacturer. Analog phone line and service required.

4 The DVD region code can be changed up to 5 times and will then be locked on the final region code selected. The region setting applies to commercial DVD movies only and in no way affects use of DVD media for software applications.

5 Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media with +RW/+R drive provides maximum compatibility; R-capability to burn disc once; RW-capability to burn disc multiple times. Special media/disc required, and third party software may also be required for certain applications.

6 For Memory keys 1MB = 1 Million bytes.

7 Technician, replacement part or unit (depending on service contract) will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions (on site and/or next business day service not available in some locations) and terms of service contract. Service timing dependent upon time of day call placed to Dell. Defective unit must be returned or paid for. Replacements may be refurbished.

8 CompleteCover service is available for personal computers and Axim PDAs. It excludes theft, loss, and damage due to fire or intentional damage. Customer may be required to return unit to Dell. If CompleteCover Guard is selected it covers theft from any locked office, home or vehicle in country of purchase. For complete details refer to CompleteCover service agreement found at [www.dell.com/ap/services](http://www.dell.com/ap/services). This service is only available in selected countries.

9 Where wireless access is available. Additional access charges apply in some locations.

10 Starting weight of 2.38kg with 14.1" display, Travel Lite Module and 4-cell battery. Weights vary depending on configurations and manufacturing variability.

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