

# NEC



## NEC VERSA P520

- Intel® Centrino™ mobile technology with built-in Wireless LAN 802.11b
- Viewing quality with up to 15" TFT SXGA+ resolution
- Versatility and expandability with NEC VERSA Bay IVb and NEC VERSA Docking connector
- Optional DVD-RW
- High Bandwidth Network Integrated
- Standard European Warranty 3 year Pick up and return

Experience the Ultimate  
Mobile Wireless Performance

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## PROCESSOR

Type:	Intel® Mobile Pentium® M from 1.3GHz to 1.7 GHz
Clock:	400MHz
L2 Cache:	1MB

## ARCHITECTURE & MOTHERBOARD

Bus architecture:	32 bits
Chipset:	Northbridge Intel® 855GM (Montara GM) Southbridge Intel® 82801DBM (ICH4-M)
Processor bus speed:	266Mhz (DDR technology)
BIOS:	PHOENIX
DMI compliant:	Yes, SMBIOS 2.3 support
Upgradeable in flash:	Yes

## MEMORY

Type:	PC 2100 DDR266 SDRAM (Double Data Rate)
Standard memory:	128MB DDR SDRAM
Memory max:	1024MB DDR SDRAM
Memory slots:	2 SO-DIMM

## VIDEO

LCD size/type:	14.1" TFT XGA panel 15.1" TFT SXGA+ panel
LCD Max resolutions / colors:	Dual channel LVDS interface 1024 x 768 with 14.1" TFT 1400 x 1050 with 15.1" TFT
Video controller:	embedded solution
Brightness control:	by hot key
Video memory:	32MB shared with system memory - up to 64MB with dynamic allocation (inOS)

## STORAGE

HDD:	30GB or 40GB
HDD interface:	ATA100
CD-ROM drive:	24x
DVD drive:	8x
DVD / CD-RW:	24x10x24x8x
DVD Multi (DVD-RW/-RAM) :	2x1x2x8x8x16x24x
FDD:	Integrated 3.5", 3 mode, in MultiBay

## POWER SUPPLY

Primary Battery :	8-cell Li-Ion – 4400mAh Up to 3 hours battery life
Secondary Battery :	8-cell Li-Ion – 3600mAh (in MultiBay) Up to 2 hours additional battery life
AC adapter type :	60W – 19V
Input:	100 – 240V, 50/60Hz AC, 1.5V
Output:	19V DC, 3.1A, 60W
Power supply specs:	100-240 VAC

## MULTIMEDIA

Audio controller:	Embedded in chipset Audio Codec AD 1981B Volume control by HW volume, hot key
3-D Surround power:	Yes
Integrated speakers:	2x stereo speaker at front side
Internal microphone:	Yes
MPEG support:	MPEG 1 & 2

## PC CARD

Slots:	2 type II or 1 type III
PC card controller:	Ricoh R5C486
Card bus support:	Yes

## USER INTERFACE

Pointing device:	Glide Pad with 4 scroll buttons
Keyboard:	87 keys – standard layout
LED indicators:	Yes – on the LCD panel
E-mail hot keys:	Yes- on chassis
Internet hot keys:	Yes – on chassis
CD-DVD buttons:	No

## I/O PORTS

USB ports:	4x USB 2.0 (2x back side / 2x left side)
Parallel port:	1x 25pin D-sub (back side)
Serial port:	1x 9pin D-sub (back side)
PS/2 port :	1x (back side)
IdDA port:	1x
IEEE 1394 port:	No
Audio jack ports:	Head phone, Mic In and H/W volume (Front side)
Modem RJ-11 port:	1x (back side)
LAN RJ-45 port:	1x (back side)
TV-out port:	No
PCMCIA port:	2x (left side)
VGA port:	1x 15pin D-sub (back side)
NEC VERSA Docking :	Yes (1x connector)

## COMMUNICATION

Modem:	56K Data/Fax (v.92), MDC
LAN:	GbE LAN (10/100/1000) on motherboard Intel® 82541E1 chip MiniPCI solution 802.11b (Intel® PRO/Wireless 2100)
Wireless LAN (802.11b):	

## DOCKING OPTIONS

NEC VERSA Docking Yes

## PHYSICAL SPECIFICATIONS

Size (WxDxH):	327 x 269.5 x 40.0/41.5 mm
Weight:	2.9 kg - 15" TFT w/o ODD, w/o FDD 3.12kg - 15" TFT w/ Combo, w/o FDD 3.34kg - 15" TFT w/ Combo, w/ FDD
Operating Constraints:	5°C to 35°C

## OS AND SOFTWARE

Operating system:	Microsoft® Windows® XP Professional or Windows® XP Home Edition
Browser:	Microsoft® Internet Explorer XP
Communication:	Microsoft® Outlook™ Express XP
Soft DVD:	PowerDVD 4.0 XP (only for DVD or combo DVD/CD-RW models)
Soft CD writer:	RecordNow DX (only for combo DVD/CD-RW models)
Antivirus:	Norton Antivirus 2002
Others:	MS Works 7.0
Drivers:	Microsoft Windows 2000 drivers available Microsoft Windows 98 drivers available - TBC

## SECURITY

Recovery partition HDD:	Yes
2 levels passwords:	Yes
Kensington slot:	Yes
PIN Code:	Yes (Personal Identification Number)

## WARRANTY

Standard warranty:	3-years warranty pick-up & return European coverage
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## NEC ULTRACARE

Extended warranties: (option)	3-year pick-up & return D+5 (within Europe) 3 Years On Site (D+1) 3 Years On Site (D+1) + Protection Solutions
Protection Solutions (option):	1 or 3-year pick-up & return

Installation service (option):	Basic, standard or comprehensive
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## REGULATORY & SAFETY

Regulatory compliance:	CE Mark and CB Certificate
Euro Keyboard:	Localized
XP compliant:	Yes

# NEC VERSA P520

## Experience the Ultimate Mobile Wireless Performance

### High Modularity and Versatility

Enjoy enhanced functionality with the NEC VERSA Bay IVb solution, accepting removable drives such as DVD-RW/RAM (DVD-Multi), Combo DVD/CD-RW, DVD-ROM, CD-ROM, or 2nd hard disk drive. The second Bay called MultiBay extends NEC VERSA P520 flexibility allowing a choice between a floppy disk drive, second battery or weight saving pack.

### Optimised Performance and Long battery life

For the professionals who require performance & productivity, the NEC VERSA P520 notebook features the latest Intel® Centrino™ mobile technology for outstanding performance and extended battery life. Work for up to 3 hours\* with the primary Lithium-Ion battery and advanced power management, or for up to 5 hours\* when you add the 2nd battery optional in MultiBay.

\*May vary according to usage.

### Connectivity on the Move

The NEC VERSA P520 allows you constant contact with anyone anywhere in the world with its integrated modem 56k v.92 and Gigabit Ethernet LAN as well as standard wireless LAN (802.11b). The integrated Gigabit Ethernet (10/100/1000 Mb/s) LAN controller, supported through Intel chipset, auto-negotiates to the highest speed supported by the local network.



Note: depending on the country, all configurations may not be available

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