

NEC



VERSA M320

- All-in-One convenient design
- Extreme performance with Mobile Intel® Pentium® 4 processor-M up to 2.4GHz
- Optimised connectivity with integrated modem & LAN, 2 PCMCIA slots and infrared

Excellent Performer
All-In-One Design

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PROCESSOR

Type:	Mobile Intel® Celeron® from 1.8GHz to 2.0 GHz Mobile Intel® Pentium® 4 processor –M from 1.8GHz to 2.4GHz Intel® QuickStart™ technology for Celeron models Enhanced Intel® SpeedStep™ technology for Pentium models
Clock:	400MHz
L2 Cache:	256Kb for Celeron models 512Kb for Pentium models

ARCHITECTURE & MOTHERBOARD

Bus architecture:	32 bits
Chipset:	Northbridge ATI RS200M Southbridge ALi M1535+
Processor bus speed:	133MHz (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:	256MB DDR SDRAM
Memory max:	1024MB DDR SDRAM
Memory slots:	2 SO-DIMM

VIDEO

LCD size/type:	15" TFT or 14.1" TFT XGA panel Dual channel LVDS interface
LCD Max res./colors:	1024 x 768
Video controller:	ATI Radeon IGP 340M - 4x AGP (embedded video chip)
Brightness control:	by hot key
Video memory:	32MB VRAM (shared with system memory) setup by default

STORAGE

HDD:	30GB, 40GB or 60GB
HDD interface:	ATA100
CD-ROM drive:	24x
DVD drive:	8x
DVD / CD-RW:	24x10x24x8x
DVD Multi (DVD-RW-RAM) :	DVD 8x / CD 24x / CDR 16x / CD-RW 4x / DVD-R 2x / DVD-RW 1x / DVD-RAM 2x
FDD:	Integrated 3.5", 3 mode

POWER SUPPLY

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

MULTIMEDIA

Audio controller:	Embedded in the M1535+ Audio Codec AD 1981B Volume control by HW volume, control wheel
3-D Surround power:	Yes
Integrated speakers:	2x stereo speaker at front side
MPEG support:	MPEG 1 & 2

PC CARD

PCMCIA slots :	2 type II or 1 type III
PC card controller:	Ricoh R5C592
Card bus support:	Yes

I/O PORTS

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

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 key:	Yes- on chassis
Internet hot key:	Yes – on chassis
CD-DVD buttons:	No

COMMUNICATION

Modem:	56K Data/Fax (v.92), MDC
LAN:	10/100 base TX on motherboard
Wireless LAN	Optional 802.11a/b, Mini-PCI

DOCKING OPTIONS

Port replicator:	USB external port replicator
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PHYSICAL SPECIFICATIONS

Size (WxDxH):	327 x 269.5 x 37 / 38 mm
Weight:	3.2 kg (15" TFT)
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

SECURITY

Recovery partition HDD:	Yes
2 levels passwords:	Yes
Kensington slot:	Yes

WARRANTY

Standard warranty:	1-year 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

REGULATORY & SAFETY

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

VERSA M320

Excellent Performer All-In-One Design

Excellent Performance and no Battery Compromise

From the processor to the main optical drives, all is designed to increase the global performance of the notebook. The DVD Multi will allow you burn DVDs thanks to latest recording technology. Infrared port and 4 USB 2.0 have been selected for this platform in order to connect standard devices.

Comprehensive connectivity

The NEC VERSA M320 allows you constant contact with anyone anywhere in the world thanks to its built-in modem 56k v.92 and a 10/100 LAN as well as optional integrated wireless LAN (802.11b).

Viewer comfort

With its vast multimedia capabilities, CD, DVD, combo DVD/CD-RW and even the new DVD-Multi giving or viewing presentations has never been so easy. The 14.1" TFT or 15" TFT XGA display panel also allow easy viewing of any multimedia programs.



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

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

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