

NEC recommends Windows Vista® Business



NEC POWERMATE VL280



The platform bringing together Performance and Flexibility

- Next Generation Business Desktop
- Excellent Platform Stability
- The Latest Intel Technology
- Configurations Built on Demand

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IT SERVICES AND SOFTWARE

MOBILE/BROADBAND NETWORKING

COMPUTERS

SEMICONDUCTORS

IMAGING AND DISPLAYS

Empowered by Innovation

NEC

NEC POWERMATE VL280

High Class Performance at an Affordable Price

PROCESSOR

Type:	Intel® Celeron 4xx Intel® Pentium Dual Core E2xxx Intel® Core™ 2 Duo E4xxx, E6xxx E8xxx
Socket	LGA775

OPERATING SYSTEM

Genuine Microsoft® Windows® XP Professional
Genuine Microsoft® Windows® XP Home
Genuine Windows Vista® Business
Genuine Windows Vista® Home Basic

ARCHITECTURE & MOTHERBOARD

Format	µBTX (Micro Tower / Small Desktop Chassis)
Chipset:	
North Bridge	G31
South Bridge	ICH7
Processor BUS	800/1066/1333 MHz
CPU Support	LGA775

MEMORY

Type:	DDR2 667/800 MHz
Memory Max	Up to 4GB
Memory Slots:	2 DIMMs
Only 3.3 GB recognisable with a 32-bit Operating System	

VIDEO

Integrated Intel Graphics Media Accelerator 3100 up to 256MB shared memory
<ul style="list-style-type: none"> • nVidia® 7100GS 128MB & 256 MB • Radeon™ HD 2600 Pro 512MB • ADD2 DVI-D Board

STORAGE

HDD:	From 80GB to 250GB
HDD Speed:	7200 rpm

OPTICAL DEVICES

DVD - 48X/16X or above (SATA)
Combo Drive (DVD & CDRW) (SATA)
DVD+R9 (SATA)

CONNECTORS

PC	2
PCI Express 1x	1
PCI Express 16x	1(with ADD2+ board support)
4 slots full height for MT / 4 Slots low profile for Small Desktop	
Riser for Small Desktop 1 PCIe 16x on MotherBoard / 2 PCI on the Riser	

SOUND

Audio Controller:	Integrated HDA Azalia Audio Software
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BIOS

DMI Compatible
Upgradable by flash

I/O PORTS

USB Port:	8 USB 2.0 (4 at rear, 2 in front & 2 internal)
PS/2	2 (1 for Keyboard & 1 for Mouse)
LAN RJ 45 port:	1
VGA port:	1
Line in/ line out/ mic in	1 / 1 / 1
Serial ports	1
Parallel port 1	1

POWER SUPPLY

220V AC - 50/60Hz 250W Soft On/Off - Wake On LAN supported

NETWORK

LAN:	REALTEK RTL8111C
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PHYSICAL SPECIFICATIONS

Size (WxDxH):	Small Desktop : 371 x 386 x 102 mm Micro-Tower : 170 x 424 x 391 mm
Weight (With PSU) :	Small Desktop : 5.4 Kg Micro-Tower : 7.2 Kg
Operating Constraints:	18-85% Humidity 0-3000 m Altitude

SECURITY

HDD Recovery Tool included (NEC Instant Recovery)
Anti-theft ring
Kensington lock hole
Anti-theft for keyboard and mouse
Intrusion switch
Integrated hardware monitoring ASIC
Optional Electromagnetic chassis lock

MONITORS

NEC CRT 17"	Flat Screen FC17 (17",VIS 16,01", 0.27mm dp)
NEC LCD 17"	LC17m Black with integrated speakers (17", 17" VIS)
NEC LCD 19"	LC19m Black with integrated speakers (19", 19" VIS)

NEC ULTRACARE SOLUTIONS

Various Service Packages available*
- Desktop installation and deployment
- Extended warranties
- Data Transfer
- Network connection
Please contact us for more information*

SOFTWARE

Service Pack	SP2
Internet Explorer	6.0 or latest
Adobe Acrobat Reader	8.0 or latest
Antivirus	NIS 2007
Direct X	9.0 or latest
Internet Plug in	Flash - Shockwave - Quick Time
Outlook Express	XP Version
DVD Player (if Combo,DVD & DVD+R9)	Cyberlink Power DVD 7
Burning Software (if Combo and DVD+R9)	Roxio Creator 9
Microsoft Office Ready PC	

BAYS

Small Desktop	1 x 5.25" external 1 x 3.5" external 1 x 3.5" internal
Micro-Tower	2 x 5.25" external 2 x 3.5" external 2 x 3.5" internal

WARRANTY

Warranty:	1 or 3 Years On Site D+1 (to choose)
Extended Warranty:	3 years On site D+1 Repair Time Commitment * 4 years On site D+1 Repair Time Commitment * Extension to 4 Years On Site D+1 * Extension to 4 Years On Site D+1 Repair Time Commitment * Extension to 5 Years On Site D+1 *

*not applicable in all countries, please contact reseller for more information



Performance

- Intel® Core 2 Duo processors
- SATA 2 Hard Drives
- Intel® Gigabit network chipset



Environment Ecology

- Low consumption Processors
- Easy to dismantle and to recycle chassis



Technology

- Latest Generation of Intel Chipset
- Unique NEC Instant Recovery

