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HP Compaq dc5800 Microtower PC (KV496ET) - Specifications

HP recommends Windows Vista® Business.

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Fast facts

Processor type	Intel® Core™2 Duo processor E8400 • 3.0 GHz, 6 MB L2 cache, 1333 MHz front side bus
Operating system installed	Genuine Windows Vista® Business with downgrade to Windows XP Professional custom installed
Upgradability	Windows Vista® capable* Windows Vista® Premium ready
Supported applications	Windows Vista® Premium ready
Compatible operating systems	FreeDOS
Cache external	6 MB L2 cache
Processor front side bus	1333 MHz front side bus
Chipset	Intel® Q33 Express
Memory	PC2-6400 DDR2 800 SDRAM
Standard memory	2 x 1 GB
Maximum memory	8 GB DDR2-Synch DRAM
Memory slots	4 DIMM
Memory upgrade	Expandable to 8 GB through four industry-standard DIMM slots

Internal drives

Internal drives	500 GB
Hard disk drive speed	7200 rpm
External drive bays	2 external 5.25 inch, 1 external 3.5 inch
Optical drives	DVD+/-RW 16x SuperMulti LightScribe and HP Media Card Reader 16-in-1 (3.5" with PCI)
Flexible disk drive	Optional 1.44 MB Diskette Drive
Storage controller	SATA 3.0Gb/s NCQ SMART IV

System features

Form factor	Microtower
Graphic subsystem name	Intel® Graphics Media Accelerator 3100
Video adapter, bus	PCI Express™ x16
Video adapter driver 01	Microsoft® Windows Vista®, Microsoft® Windows® XP Professional, Microsoft® 2000
Video adapter features	3D/2D Controller: support is fully compliant with Microsoft® standard API such as Microsoft DirectX®9, DirectXVA®, VMR9, GDI/GDI+; OpenGL® 1.4.; Integrated VGA Controller; integrated 350 MHz RAMDAC; 400 MHz Controller Clock Speed; Overlay Planes: Single overlay support with 5x3 filtering; Maximum Color Depth: 32 bits/pixel; Multi-display Support: 2 displays can be supported via the motherboard's VGA connectors and SDVO/ADD2 option
Graphic subsystem video card memory	Graphics memory is shared with system memory. Graphics memory usage can vary from 8 to 256 MB depending on the amount of system memory installed and system load
Graphic subsystem video card resolution	Maximum Vertical Refresh Rate: 85 Hz at up to 1920x1440, 75 Hz at 2048x1536
Expansion slots	1 full-height PCI, 1 full-height PCI Express x16, 2 full-height PCI Express x1
Audio	Integrated High Definition audio with ADI1884 codec, microphone and headphone front ports, line-out and line-in rear ports, multistreaming capable, internal PC speaker
Network interface	Integrated Intel® 82566DM Gigabit Network Connection
Network cards	Optional Intel® Pro 1000 PT PCIe Gigabit NIC, Broadcom NetXtreme Gigabit Ethernet PCIe NIC
Available LAN drivers	Microsoft® Windows® XP, Microsoft® Windows® Vista®, FreeDos, Linux
External I/O ports	Rear: 6 USB 2.0, 1 serial port, 1 optional serial port, 1 optional parallel port, 2 PS/2, 1 RJ-45, 1 VGA, audio in/out; Front: 2 USB 2.0, audio ports

Pre-installed software	Optional preloaded software, only for certain configurations: PDF Complete, Computrace for Desktops, Verdiem Surveyor agent, InterVideo WinDVD 5.0, Microsoft® Office 2007 Basic, Microsoft® Office 2007 Professional, Microsoft® Office 2007 Small Business, Microsoft® Internet Explorer with AOL Toolbar
Software included	On some models only (not included with FreeDOS): HP ProtectTools Security Solutions, HP Backup and Recovery Manager, HP Insight Diagnostics (available via HP Backup and Recovery Manager), HP Software Agent, HP Total Care Advisor, HP Client Configuration Manager, HP Client Manager for Altiris, HP SoftPaq Download Manager, HP Client Catalog for Microsoft SMS, HP Systems Software Manager, Computer Setup Utility, Altiris Out-of-Band Management Solution, McAfee AntiVirus trial version, Roxio DigitalMedia Plus 7.2/Easy Media Creator 9
Keyboard	HP PS/2 Standard Keyboard
Pointing device	HP PS/2 2-Button Optical Scroll Mouse
Security management	Integrated 1.2 TPM Embedded Security Chip (except for Russia), HP Business PC Security Lock, HP USB Biometric Fingerprint Reader
Physical security	Kensington Lock
Product dimensions (W x D x H)	17.6 x 42.8 x 37.7 cm
Product weight	8.9 kg
Keyboard dimensions (metric)	16.3 x 45.8 x 2.5 cm
Power features	Operating Voltage Range: 90 – 264 VAC; Rated Voltage Range: 100 – 240 VAC; Rated Line Frequency: 50/60 Hz; Operating Line Frequency Range: 47 – 63 Hz; Rated Input Current 80 Plus: 2.5 A; Current Leakage (NFPA 99): < 275 µA; System Heat Dissipation 80 Plus: Typical 315 btu/hr (79 kg-cal/hr), Maximum 1575 btu/hr (397 kg-cal/hr; Power Supply Fan: Variable speed fan, Power Consumption in ES Mode – Suspend to RAM (S3) (Instantly Available PC): <4 W
Power consumption	300 watts maximum
Power requirements	Input voltage 90 – 264 / 100 – 240 VAC, 50/60 Hz, 47 – 63 Hz, active PFC optional (External 80% High Efficiency)
Acoustic power emissions	IDLE (Fixed disk drive spinning): LWAd = 3.8 Bels; FIXED DISK (Random write): LWAd = 3.9 Bels
Acoustic pressure emissions	IDLE (Fixed disk drive spinning): LpAm = 27 dBA; FIXED DISK (Random write): LpAm = 28 dBA
Energy efficiency compliance	80PLUS Power Supply
Storage temperature range	-30 to 60°C
Operating humidity range	10 to 90% RH
Non-operating altitude	9,144 m
Non-operating humidity	5 to 95% RH
Operating altitude	3,048 m
Operating temperature range	10° to 35°C

Disclaimers

Certain Windows Vista product features require advanced or additional hardware. See http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and http://www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit http://www.windowsvista.com/upgradeadvisor.

HP's WEEE registration number is WEE/EJ0076US This means that HP is a registered producer under the Waste Electrical and Electronic Equipment Regulations 2007. Read more about recycling your old IT equipment

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