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HP Z800 Workstation (KK533EA) - Specifications

Windows®. Life without Walls™. HP recommends Windows 7.

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Specifications

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System features

Processor type Intel® Xeon® Quad-Core Processor E5540 (2.53 GHz, 8 MB cache, 1066 MHz memory)

Operating system installed Genuine Windows Vista® Business with downgrade to [Windows XP Professional](#) custom installed

Number of processors 2

Chipset Dual Intel® 5520

Form factor Rackable minitower

Memory

Standard memory 6 GB 1333 MHz DDR3 ECC Unbuffered RAM

Memory slots 12 DIMM slots

Storage

Internal drive bays 4 internal 3.5" bays

External drive bays 3 external 5.25" bays (up to 4 eSATA, up to 8 SAS)

Internal drives 146 GB 15000 rpm SAS
146 GB 15000 rpm SAS

Storage controller Integrated 6 channel SATA 3 Gb/s controller with RAID (0, 1, 5 or 10) capability, integrated 8 channel SAS controller with RAID (0, 1 or 10) capability, optional LSI 8888 ELP 8-port SAS HW with RAID (0, 1, 5 or 10) capability

Optical drives SATA 16X DVD+/-RW SuperMulti LightScribe

Graphics



Graphics	1 NVIDIA Quadro FX 1800 with 768 MB GDDR3 SDRAM unified graphics memory
Expansion features	
Ports	Front: 3 USB 2.0, 1 IEEE 1394a, 1 microphone in, 1 headphone out Rear: 6 USB 2.0, 1 IEEE 1394a, 1 audio in, 1 audio out, 1 microphone in, 2 PS/2, 2 RJ-45 to integrated Gigabit LAN, 1 serial Internal: 3 USB 2.0
Slots	1 PCI, 1 PCI Express Gen1 (x8 mechanically, x4 electrically), 1 PCI Express Gen2 (x8 mechanically, x4 electrically), 2 PCI Express Gen2 (x16 mechanically, x8 electrically), 2 PCI Express Gen2 x16
Communications	
Network interface	Integrated dual Broadcom 5764, TPM 1.2 Controller, optional Broadcom NIC, optional Intel NIC
Audio	Integrated High Definition Realtek ALC262 Audio, optional Creative X-Fi Titanium PCIe Audio Card, optional HP Thin USB Powered Speakers
Power	
Energy efficiency compliance	ENERGY STAR®, EPEAT Gold™, 80PLUS Bronze Power Supply
Dimensions and weight	
Product dimensions (W x D x H)	20.35 x 52.65 x 44.51 cm
Product weight	Minimum configuration: 19.5 kg; Maximum configuration: 29 kg
What's included	
Security management	Security Cable with Kensington Lock, HP Solenoid Hood Lock & Hood Sensor
Warranty	3-year worldwide parts, labour and next business day onsite service Terms and conditions may vary, restrictions apply

Disclaimers

This system may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See <http://www.microsoft.com/windows/windows-7/> for details.

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](#)

HP is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and the Council). A chemical information report for this product can be found at: www.hp.com/go/reach.

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