

HP Z800 WORKSTATION - Caratteristiche

Package

- Minitower (H17.5" x W8.0" x D20.7")
- 1 PCI, 2 Gen2 PCI Express x8
1 Gen2 PCI Express x4, 1 PCI Express x4,
2 Gen2 PCI Express x16
- 7 storage bays: 4 HDD, 3 Optical/HDD
- Front access USB, IEEE 1394a, Audio
- 850W 85% or 1110W 89% Efficient
Power Supplies
- New Industrial Design

Processors

- Intel Xeon processors up to 130W
- Xeon 5500 Series Quad Core
- Dual LGA 1366 Socket
- 9 quad core bins at launch
- Turbo Boost support
- QPI up to 6.4GT/s, 25.6GB/s per Link
- 256KB L2 dedicated cache per core
- Up to 8 MB L3 shared cache with all cores

Chipset

- Intel 5520 (Dual 24D+36D) (ICH10R)

Memory

- 12 DIMM slots
- Up to 192 GB capacity (192GB avail 2H'09)
- Six channel DDR3
- Up to 32GB/s Bandwidth/MemCntlr

Optical storage

- DVD-ROM
- CD-RW/DVD
- DVD+/-RW dual layer
- Blue-Ray Writer (expected availability
May2009)
- Slot-Load DVD RW



Migliorie della Z800 in verde

Operating systems

- Windows Vista Business 32 & 64
- Windows XP Downgrade 32 & 64
- HP Installer Kit for Linux

Additional built-in I/O

- Legacy Serial, PS/2 ports
- eSATA enabled
- IEEE 1394a; 1 front, 1 back
- IEEE 1394b via PCI card
- USB 2.0; 6 back, 3 front, 3 internal
- **NO** Parallel Port

Graphics options (all PCI-E)

- NVIDIA Quadro NVS295*
- NVIDIA Quadro NVS450*
(AMO only)
- NVIDIA Quadro FX380, NVIDIA
Quadro FX580, ATI FirePro V3700*
- NVIDIA Quadro FX1800 ATI FirePro
V5700*
- NVIDIA Quadro FX3800, NVIDIA
Quadro FX4800, NVIDIA Quadro
FX5800k ATI FirePro V7750*
- NVIDIA Quadro CX

*Up to two cards supported

LAN

- Dual Integrated Broadcom 5764 Gigabit
- TPM 1.2 Controller
- Optional Broadcom NIC
- Optional Intel NIC

Storage devices

- Integrated SATA 3Gb/s & SAS controllers
 - RAID 0,1, 5(SATA), 10 capable
 - 8 channels of SAS 3Gb/s on board
 - 6 additional channels of SATA 3Gb/s
- Up to 6 internal SATA Hard Drives
 - 160GB → >1,5TB (1.5 TB avail 2H 09)
 - 146GB → >300GB 10K 2.5"(SFF)
 - Up to 6 internal 2.5" Hard Drives
 - Up to 5 internal 3.5" SAS Hard Drives
 - 146GB → >450GB 15K