
ATS-Z600T

TEMPEST Workstation SDIP 27 Level B / Zone 1



The CE's ATS-Z600T is the TEMPEST version of the HP Z600 workstation. It packs eight-core compute and visualization power into a small, quiet package – for the ideal workstation when every inch, watt and decibel make a different.

Key Features:

- Based on HP Z600
- One or two Intel® Xeon® Quad Core processors
- Processor Speed: Up to 2,93 GHz
- Up to 1333 MHz FSB
- Up to 8 MB L2 cache, up to 24GB memory
- Up to 3 3.5" or up to 4 2.5" SATA drives, or up to 3 3.5" SAS drives in removable tray
- HP SATA DVD+/-RW Drive
- 650 watts wide-ranging power supply
- NVIDIA Graphics
- PS/2 or USB Keyboard
- USB 2-Button Optical Scroll Mouse
- Operating System Windows 7 (Professional)
- SDIP 27 Level B / Zone 1 certified

Preliminary specification, subject to change without notice!
Released January 2010



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ATS-Z600T

Technical Data

Form Factor

- Minitower, rack-mountable

Operating System

- Genuine Windows Vista® Business (32-/64-bit)
- Windows 7 (Professional)
- HP Installer Kit for Linux

Compatible Operating Systems

- Red Hat Enterprise Linux WS 5 64-bit, Novell Suse SLED 11

Processor

- One or two Intel® Xeon® Quad-Core processors (2.00 to 2.93 GHz, 4 to 8 MB L2 cache, 800 to 1333 MHz FSB)

Chipset

- Intel® 5520

Memory

- DDR3 1333 MHz ECC unbuffered DIMMs
- Up to 24 GB max. memory

Hard Drive(s)

- Up to 3 3,5" SATA drives, 160GB to 1,5TB (7200rpm), or
- Up to 4 2,5" SATA drives, 160 or 300GB SFF (10000rpm), or
- Up to 3 3,5" SAS drives, 146 to 600GB (15000rpm)

Expansion Bays

- 2 external 5,25" bays
- 2 internal 3,5" bays (up to 3 with converter)

CD-ROM / DVD

- HP SATA DVD-ROM Drive
- HP SATA DVD+/-RW Drive

Drive Controllers

- Integrated 6 channel SATA 3Gb/s controller with RAID (0, 1, 5 or 10) capability
- Optional SAS controller, LSI 3041E-4-port SAS/SATA, with RAID (0, 1, or 10) capability

Graphics

- Professional 2D, Entry 3D, Midrange 3D or High-End 3D NVIDIA Quadro

Expansion Slots

- 2 PCI Express Gen 2 x 16, 1 PCI Express Gen 2 (x8 mechanically, x4 electrically)
- 1 PCI Express Gen 1 (x8 mechanically, x4 electrically), 2 PCI

Audio

- Integrated High Definition Realtek ALC262 Audio

Networking

- Integrated Broadcom 5764 10/100/1000 PCIe LAN

I/O Ports

- Front: 3 USB 2.0, 1 microphone in, 1 headphone out, optional 1 IEEE 1394a
- Rear : 6 USB 2.0, 1 audio in, 1 audio out, 1 microphone in, 2 PS/2, 1 RJ-45 to integrated GB LAN, optional 1 serial
- Internal: 3 USB 2.0

Power

- 650 watts wide-ranging
- Active Power Factor Correction
- 85% efficient Power Supply

Input Device

- Keyboard (PS/2 or USB)
- Mouse (USB)

Physical

- Dimension: 156,3 x 440 x 445,1 (W x D x H) [mm]
- Weight: ~23kg (depends on configuration)

Compliance

- SDIP 27 Level B / Zone 1 certified



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