
ATS-7600T

TEMPEST Server

NEW

SDIP 27 Level A



The ATS-6500T TEMPEST computer series represent and combine the latest hardware in a cost effective and fully SDIP 27 compliant platform while offering an attractive design for decision maker's offices. The ATS-6500T systems are based on Intel Entry Server Board S3200SH with 800/1066/1333 Bus Speed. This board supports Intel Core 2 Duo processor, Intel Core 2 Quad and Intel Xeon processor 3000 sequence. The four DIMM slots (Dual memory channel) for DDR2 553/667/800MHz can be equipped with up to max. 8GB's. Due to the 5 slots, one PCIe x8 with x16 connector, one PCIe x8 with x8 connector, two PCIx 64-bit/133MHz and one PCI 32-bit/33MHz the system can be extended by several cards. The Matrix-RAID supports RAID 0,1,5 and 10.

Key Features:

- Based on Intel's Serverboard Technology
- Intel Core 2 Duo processor
- Up to 8 GB DDR2 800 MHz System Memory
- 4 Drive Slots Accessible via Lockable Front Door, any Combination of SATA removable Hard-Drives, CD-Rom-/DVD-Drive and Tape Streamer Devices supported
- Up to 1.0 TByte Drive Capacity each Removable Disk Drive, 250GB Standard
- 32MB graphic on-board
- 2x 90-264VAC, 50/60Hz, 500W redundant Power Supply
- SDIP 27 Level A

Preliminary specification, subject to change without notice!
Released February 2011



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Technical Data:

Serverboard

- Intel Entry Server Board S3200SH
- Intel 3210 Server Chipset with PXH-V
- Slots:
 - 1x PCIe x8 with x16 connection
 - 1x PCIe x8 with x8 connection
 - 2x PCIx 64-bit/133MHz
 - 1x PCI 32-bit/33MHz
- Keyboard, Mouse

CPU

- Intel Core 2 Duo E8500 3,16GHz, 6MB Cache
- Optional several processors of Intel Core 2 Duo, Intel Core 2 Quad or Intel Xeon processor 3000 sequence

Memory

- Dual Channel (unbuffered ECC/non ECC) DDR2 553/667/800MHz, total 8GB

Removable Mass Storage, Locked Behind Front Door

- 3.5 inches Floppy Disk Drive (optional)
- Removable (or fixed) HDD or SSD
- CD/DVD-ROM
- USB-Tray (for Memory Sticks)

CD-Rom

- 48X CD-ROM Drive

Graphics (optional)

- Wide choice of high-performance graphic-adapters have been tested!
- Integrated Graphics on-board

Expansion Bays

- 6x 3,5" Bays, Access via Lockable Front Door

TEMPEST Data Entry Devices

- 2/3-Button Serial Mouse, PS/2
- Keyboard 101-Key AT (US Layout), Optional 102-Key Language Variation, Cherry G-83
- Keyboard with SmartCard Reader (optional)

Optional Interfaces

- 100Base-FX/100Base-SX NIC
- USB 3.0
- USB-Tray (behind Frontdoor)
- PCMCIA-Reader (behind Frontdoor)
- Fingerprint-Reader (behind Frontdoor)
- Card Reader (behind Frontdoor)

I/O Ports (rear)

- Two USB 2.0 Ports (DB-9)
- One RS-232 Serial Port (DB-9) optional
- One Parallel Printer Port (DB-25) optional
- One VGA Port (HD-15)
- One D-Sub 9 Keyboard Port (PS/2)
- One D-Sub 9 Mouse Port (PS/2)
- Optional 1000Base-SX
- Optional 10Base-FL/100Base-FX
- Optional USB to FO (ST)

Security Features

- Front Lock Controls Power, Drive Access and System Reset
- Lock for Access to Housing on Backplate
- Setup and Power-On Passwords, QuickBlank and QuickLock via Front Panel

Compliance

- SDIP 27 Level A
- Designed to meet FCC Class B, UL1950&CSA
- Optional MIL-STD-461C EMI

Dimensions (W x D x H)

- 430 x 510 x 185, mm

Weight

- Ca. 23kg (depends on configuration)



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