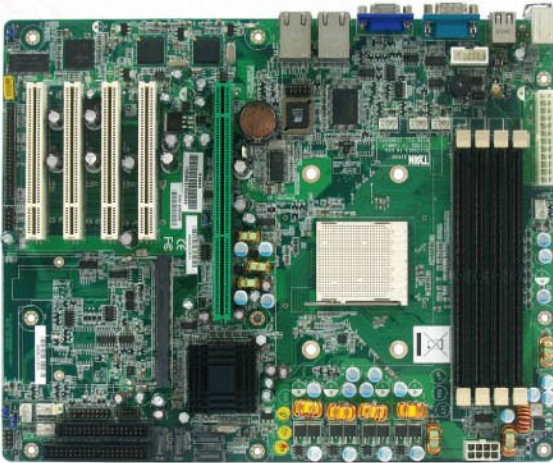


## Server Solution



**Tomcat h1000S**  
**S3950**



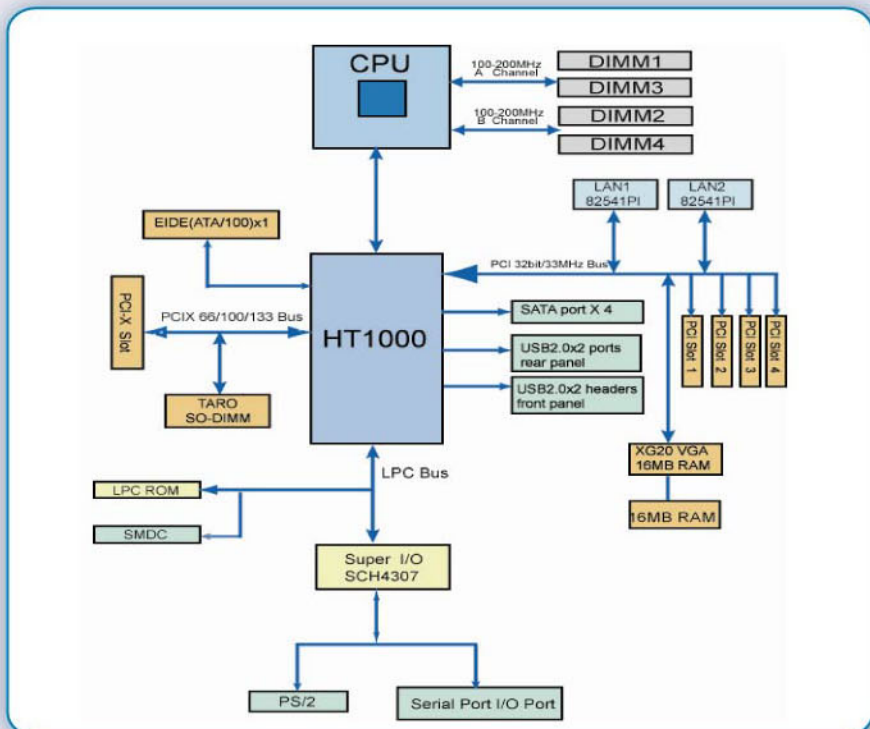
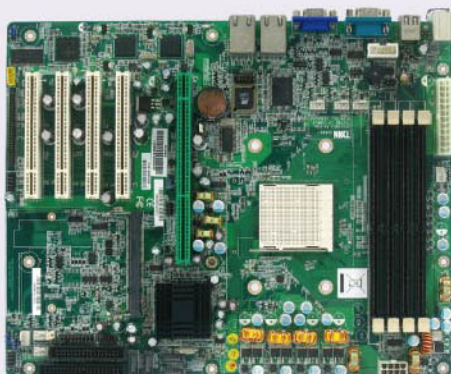
### Single AM2 Socket Broadcom Sever Platform

- Single AMD Opteron™ 1000 Series Processor (Socket AM2)
- 8GB of Unbuffered (ECC) DDR2-667/533/400 ; 4 DIMM sockets
- (1) PCI-X 64-bit 100/133MHz Slot ; (4) 32-bit/33 MHz PCI v2.3 Slots
- (1) Tyan TARO™ SO-DIMM ; (1) IDE connector
- (4) SATA2 ports running at 1.5Gb/s w/RAID 0, 1, 5,10
- M7901/M7902, SO-DIMM U320 SCSI card (optional)
- M9000 SO-DIMM SAS/SATA card (optional)
- (2) Intel® i82541PI GbE Controllers
- XGI XG20 with 16MB DDR memory

# Tomca h1000S

S3950

## TOP View



## S P E C I F I C A T I O N S

### Processors

- Single M2 socket;
- Supports AMD Opteron™ M2 socket Series processor
- Up to 800 MHz Hyper-Transport link support

### Chipset

- Broadcom HT1000
- SMSC SCH4307 Super I/O chip

### Memory

- Four 240-pin unbuffer DDR2 DIMM sockets
- Supports up to 8 GB of unbuffered DDR2 667
- Dual Channel memory bus

### Expansion Slots

- One 64-bit 133MHz (3.3V) PCI-X slot
- Four 32-bit, 33MHz PCI v2.3 slots
- Tyan TARO. SO-DIMM
- total five usable slots

### Integrated I/O Interfaces

- One Floppy connector for up to two drives
- One IDE connectors for two IDE devices
- Two USB 2.0 Headers (via cable, 2 x 4pin)
- 2 x 25 connector for Tyan IPMI SMDC card (M3291)
- Four SATA ports
- One COM2 header

### System Management

- One Analog Device ADT7476
- Temperature and voltage monitoring

- One (1) 3+1-pin CPU fan header with tachometer monitoring and smart FAN control

- Six (6) 3+1-pin system fan headers with tachometer monitoring, three of them support smart FAN control

### Integrated SATA Controller

- Supports four SATA ports at 1.5Gb/s with NCQ
- RAID 0/1/10 supported

### Integrated 2D/3D Graphics

- XGI XG20 graphics controller
- 16MB Frame Buffer of video memory (upgradeable to 32MB)

### Back Panel I/O Ports

- One PS/2 Keyboard & Mouse ports
- Two RJ45 10/100/1000 Base-T port w/ activity LED
- Two USB 2.0 ports
- One 9-pin UART Serial port
- One 15-pin VGA port

### Integrated LAN Controllers

- Two Intel i82541PI GbE LAN controllers
- Operating on PCI 32-bit/33MHz bus
- With ASF 2.0/WfM/Teaming support

### BIOS

- AMI BIOS on 8Mbit LPC Flash ROM
- Serial Console Redirect
- USB boot supported
- Supports ACPI
- PnP, DMI 2.0, WfM 2.0 Power Management

### Power

- Onboard 4-phase VRD (EVRD 10.1 spec)
- EPS12V (24+8) power connectors

### Form Factor

- ATX footprint
- 12" x 9.6"; 305mm x 244mm
- 6-layer board

### Regulatory

- FCC Class B (Declaration of Conformity)
- European Community CE (Declaration of Conformity)

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