

## High Performance, High Density Computing



### Transport GT26

B4987G26W3H / B4987G26W3HI



#### AMD Socket F Quad Opteron Server

▼ Front View



▼ Rear View



(GT26 B4987G26W3HI)



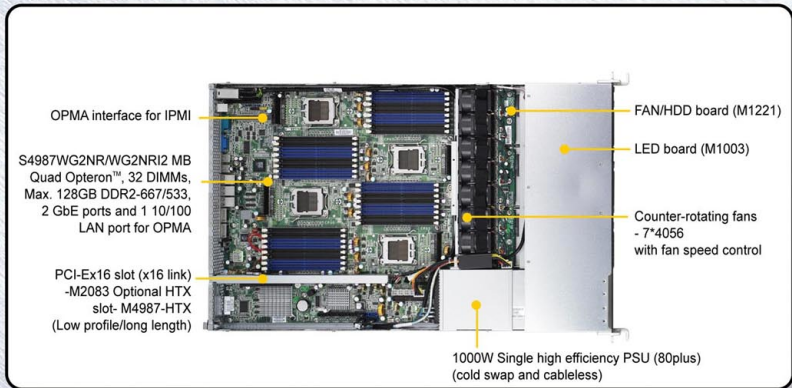
(GT26 B4987G26W3H)

- Support (4) AMD Opteron™ 8000 series processors
- Nvidia nForce Pro 3600
- Infinband controller (option): Mellanox MT25204 (DDR) - for B4987G26W3HI
- 32 DDR2 DIMMs, supporting max. 128GB registered, ECC DDR2-667/533
- (2) GbE (2\*Marvell 88E1121GbE PHY )
- (1) x16 PCI-E (M2083); or HTX slot with M4987-HTX riser card (low profile card)
- 3 hot-swap SAS HDD bays support, with RAID 0, 1, 1E
- Storage controller: LSI 1068E 8-port SAS controller, supporting RAID 0, 1, 1E
- (1) slim DVD-ROM drive
- TYAN GT26 (1U), with 1000W single high efficiency power

| Model Number | HDD bay<br>(No. of HDD) | Power<br>Supply | System Board           |
|--------------|-------------------------|-----------------|------------------------|
| B4987G26W3H  | Hot-swap SAS<br>(3)     | 1000W<br>single | S4987WG2NR             |
| B4987G26W3HI | Hot-swap SAS<br>(3)     | 1000W<br>single | S4987WG2NR12<br>(w/IB) |

# Transport GT26

B4987G26W3H / B4987G26W3HI



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

### Enclosure

- Industry 19" rack-mountable 1U chassis
- (1) slim CD-ROM bay
- (3) 3.5" HDD bays
- Dimension :D27.87 X W17.2 X H1.72 inch (708 X 436 X 43.6mm)

### Processors

- Quad mPGA 1207-pin sockets
- Support up to Quad AMD Opteron™ Socket F(1207) 8000 series processors

### Chipset

- nVidia NPF3600(MCP55)
- Winbond 83627EHG super I/O controller
- Winbond 83793G Hardware Monitoring IC
- LSI 1068E 8-port SAS controller
- Mellanox InfiniHost MT2520A4-FCC - D(DDR)(Optional)

### Memory

- Total 32 DDRII sockets (8 per CPU)
- Maximum 128GB Registered DDR2-400/533 memory, DDR2-667 support (<=2 in one channel)
- Supports ECC Memory and Chipkill

### Expansion Slots

- One (1) PCI-E x16 slot (w/ x 16 signal) or
- One (1) HTX slot (by riser card)
- 200-pin OPMA connector support M3 card

### Back I/O Ports

- Stacked PS/2 Mouse & Keyboard ports
- COM1 connector
- One 15-pin VGA port
- Two USB2.0 ports
- Three RJ45 LAN ports

- One 8487 SAS connector (Same as IB CON)
- One InfiniBand connector(Optional)

### Front Panel Features

- I/O
- (2) USB 2.0 ports
- LED indicators
- Power LED
- (2) LAN LEDs
- HDD active LEDs
- System warning LED
- ID LED
- Switch
- Power
- Reset
- NMI
- ID

### Integrated Storage Controller

- B4987G26W3H, support 3 SAS HDD by LSI1068E SAS controller
- B4987G26W3HI, support 3 SAS HDD by LSI1068E SAS controller and IB on board

### Storage

- Hard Disk Drives: B4987G26W3H/ B4987G26W3HI, Support SAS HDD with RAID 0, 1, 1E
- Pre-installed slim type DVD-ROM

### Networking

- Dual Gigabit Ethernet ports (Marvell88E1121 Gigabit PHY)
- Supports WOL and PXE

### Video

- Integrated ATI ES1000(RN50) w/32MB frame buffer

### Motherboard

- TYAN S4987 system board
- Customized 16.83"x16.098"

### BIOS

- Phoenix 8Mbit FWH or Flash ROM
- Supports APM1.2 and ACPI
- Serial console redirect
- USB boot supported

### System Management

- System fan speed control and monitoring
- Chassis intrusion alert
- Supports Tyan Server Management(TSM)
- Watch Dog Timer supported
- Support M3295 OPMA IPMI Card

### System Cooling

- (7) 40\*40\*56mm 15000rpm heavy-duty fans
- (4) Passive CPU heatsinks

### Power Supply

- Single, 1000W cold-swap PWR

### Regulatory

- FCC Class A (Declaration of Conformity)
- CE (Declaration of Conformity)
- VCCI
- C-Tick

### Environment Temperature

- Operating temperature 5°C~ 35°C
- Non-operating temperature -40°C ~ 70°C

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