

Versatile 1U Server Platform



Transport GT24

B2932G24V4H / B2932G24W4H



▼ Front View



▼ Back View



High Performance, High Density Server Platform supporting AMD Opteron™ 2000

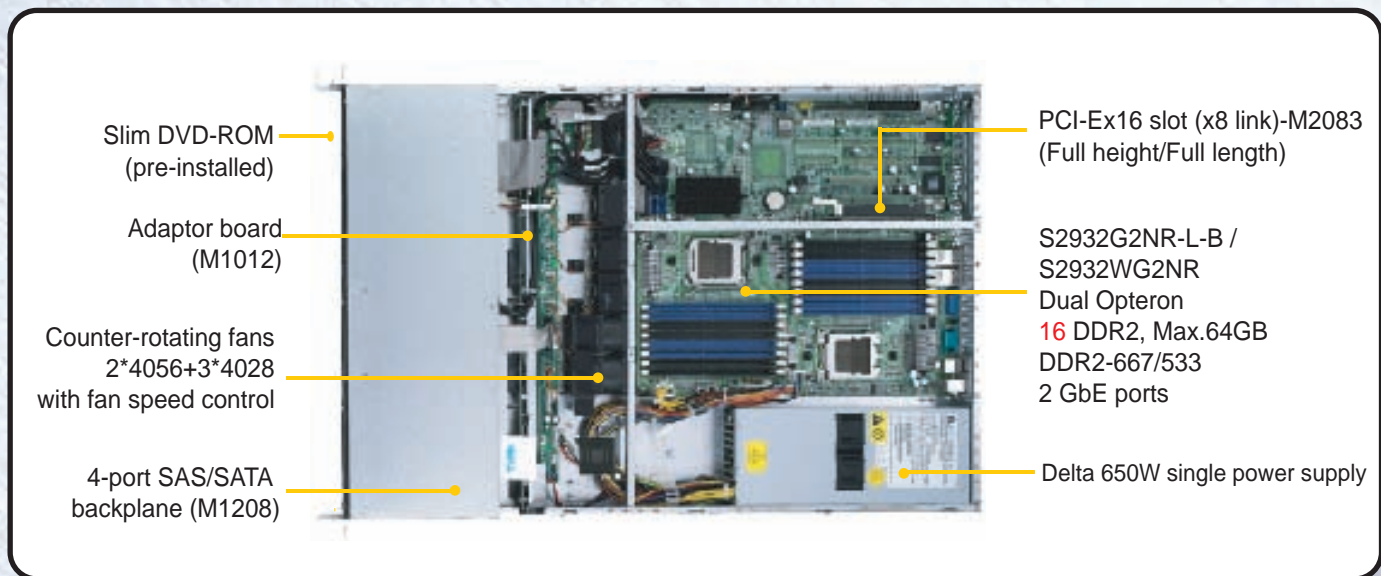
Support dual AMD Opteron™ 2000 series (1207-pin socket)
 Nvidia nForce Pro 3600 Core Logic
 (16) DIMMs, supporting max. 64GB registered, ECC/non-ECC DDR2-667/533 memory
 (2) gigabit Ethernet LANs (Marvel 88E1121 PHY)
 (1) PCI-E x8 slot, riser card model: M2083
 B2932G24V4H: Support 4 hot-swap SATA HDD bays with RAID 0,1,5,10,JOBBD support
 B2932G24W4H: Support 4 hot-swap SAS HDD bays with RAID 0,1,1E support
 (1) slim DVD-ROM drive (pre-installed)
 (1) optional slim FDD
 TYAN GT24, with Delta 650W single power supply

Model Number	HDD bay (No. of HDD)	Storage Backplane	Note
B2932G24V4H	Hot-swap SATA-II (4)	4-port SAS/SATA	with 650W single power
B2932G24W4H	Hot-swap SAS (4)	4-port SAS/SATA	with 650W single power

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▼ B2932 TOP View



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
- (4) 3.5" HDD bays
Dimension: D 25.4 x W 17.2 x H 1.72
inch (645x436x43.6mm)

Processors

Dual 1207-pin ZIF L1 sockets
Support up to two AMD Opteron™ 2000
series processors

Chipset

nVIDIA nForce Pro 3600
NEC nPD720400
SMSC DME5017
LSI 1068E (for B2932G24W4H only)

Memory

(16) 240-pin DDR2 DIMM sockets
Supporting up to 64GB of Registered of
DDR2-667/533/400 memory

Back I/O Ports

(1) PS/2 Mouse and (1) Keyboard ports
(1) 9-pin UART Serial port
(1) 15-pin VGA port
(2) USB2.0 ports
(2) RJ45 10/100/1000 Base-T port w/
activity LED

Front Panel Features

I/O
- (2) USB 2.0 ports
LED indicators
- Power LED
- (2) LAN LED
- HDD Active LEDs

- ID LED
- Warning LED
Switches
- Power
- Reset
- ID
- NMI

Storage

Model B2932G24V4H:
- Serial ATA II Host controllers embedded
- Support 6 serial ports running at 3.0Gb/s.
- NV RAID 0, 1, 0+1, 5 and JBOD support
Model B2932G24W4H:
- LSI 1068E SAS controller
- Supports 8 SAS ports running at 3.0Gb/s
- NV RAID 0,1 and JBOD support

Networking

(2)Two 10/100/1000 Base-T LAN(nForce
Pro 3600 integrated MAC with Marvell
88E1121 Gigabit Ethernet PHY)

Video

ATI ES1000TM PCI graphics controller
32MB DDR Frame Buffer of video memory

Motherboard

B2932G24V4H
- TYAN Thunder n3600M S2932G2NR-L-B
B2932G24W4H
- TYAN Thunder n3600M S2932WG2NR
E-ATX footprint(13"x12")

BIOS

AMI BIOS 8Mbit Flash
Supports ACPI 2.0
PnP, DMI2.0 WfM2.0 power management

Server Management

Automatic fan speed control
Support Tyan Server Management (TSM)
Option TYAN SMDC M3291, IPMI v2.0
compliant remote server management kit

System Cooling

(2) 40*40*56mm 15000rpm heavy-duty
fans with fan speed monitor/control
(3) 40*40*28mm 15000rpm heavy-duty
fans with fan speed monitor/control
(2)Passive CPU Heatsink

Power Supply

EPS 12V, 1U, 650W High-efficiency
Power Supply
100V~240V AC input

Regulatory

FCC Class B (Declaration of Conformity)
CE (Declaration of Conformity)

Environment Temperature

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

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