

Performance 2U High-Density Server Platform



Transport TA26

B2932-E
with Dual AMD Opteron™ 2000 series



Front View



Back View



2-way AMD Rev. F Opteron™ 2000 Series

Two uPGA 1207-pin ZIF sockets Supports up to two AMD Opteron™ Rev. F 2000 Series Santa Rosa Dual core processors, and Barcelona Quad core processors

Support AMD Dual Dynamic Power Management feature

nVIDIA nForce Pro 3600/NEC nPD720400

Sixteen (16) DIMMs, supporting max. 64GB registered, ECC DDR-2 667/533

Two (2) LANs: 2*GbE

Total 6 usable slots, supporting low profile add-in expansion cards

- (2) PCI-X: 2*133MHz+1*100MHz

- (3) PCI-E x16 slots (each w/x8 signal)

- (1) PCI 32-bit 33MHz, v2.3 compliant slot

Support up to eight (8) hot-swappable HDDs with pre-installed 8-port SAS/SATA backplane

- Storage controller: LSI 1068E 8-port SAS controller, supporting RAID 0,1 and 1E

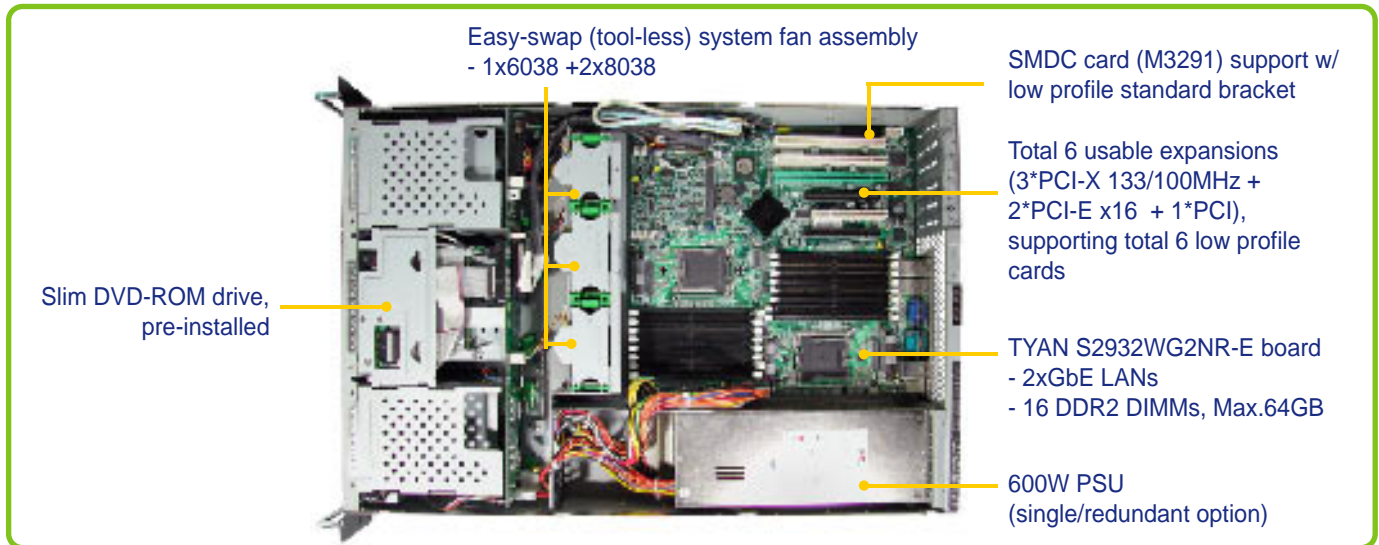
One (1) slim DVD-ROM drive

Model #	No. of HDD supported	Backplane	Power Supply
B2932T26W8H-E	8	8-port SAS/SATA	Single 600W
B2932T26W8HR-E	8	8-port SAS/SATA	600W (1+1) redundant

Transport TA26

B2932-E
with Dual AMD Opteron™ 2000 series

▼ TOP View



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

Enclosure

Industry 2U rack-mountable chassis
Storage bay
- (8) 3.5" HDD bays
(1) slim line ODD bay
Dimension:
D 26"xW 16.7"xH 3.4" (660x423x87mm)

Motherboard

TYAN Thunder n3600M S2932-E
Extended ATX footprint (13" x 12")

Processors

Two uPGA 1207-pin ZIF sockets
Supports up to two AMD® Opteron™ Rev.
F 2000 Dual-core and Quad-core
processors
Support AMD Dual Dynamic Power
Management feature
Integrated 128-bit DDR Memory
Controller

Chipset

nVIDIA nForce Pro 3600
NEC nPD720400
SMSC DME5017
LSI 1068E

Memory

Dual memory channels
Total sixteen (16) 240-pin 1.8-Volt DDRII
DIMM sockets (8 on CPU1 and 8 on
CPU2)
Supports up to 64GB of registered DDR
II 667MHz
Supports ECC type memory module

Video

ATI ES1000 controller
32MB DDR Frame Buffer

BIOS

AMI BIOS 8Mbit Flash

Supports ACPI 2.0
PnP, DMI2.0, WfM2.0 Power
Management

Expansion Slots

Two (2) PCI Express x16 slots (each w/
x8 signal)
Two (2) PCI-X 133/100MHz slot
One (1) PCI-X 100MHz slot
One (1) PCI 32-bit 33MHz, v2.3
compliant slot
Supports a total of (6) low profile cards

Back I/O Ports

One Keyboard & One PS/2 Mouse ports
Two USB 2.0 ports
One 9-pin COM port
One 15-pin VGA port
Two RJ45(Marvell 88E1121 PHY
+nVIDIA MAC) 10/100/1000 Base-T
port with link/activity LED

Front Panel Features

I/O
- (2) USB 2.0 ports
LED indicators
- Power LED
- (2) LAN LEDs
- HDD Active LED
- ID LED
- Warning LED
Switch
- Power
- Reset
- ID switch

Storage Controller

SATA Controller
- Integrated six (6) SATA ports
- Serial ATA II Host controllers
embedded
- RAID 0, 1 and 1E support
SAS Controller
- Eight (8) SAS ports
- LSI 1068E PCI-E SAS controller

- RAID 0, 1 and 1E support

Storage Backplane

One (1) 8-port SAS backplane,
supporting up to 8 SAS HDDs or SATA
HDDs

Networking

Two 10/100/1000 Base-T LAN(nForce
Pro 3600 integrated MAC with Marvell
88E1121 Gigabit Ethernet PHY)
- IEEE802.3 compliant, WOL/PXE
support
- Pin header for front panel LAN LED

Server Management

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

Power Supply

EPS 12V, 2U, 600W with PFC for
B2932T26W8H
EPS 12V, 2U, 600W 1+1 redundant
power with PFC for B2932T26W8HR

Regulatory

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

Environment

Operating: 5~35°CJ
Non-Operating: -40~70°CJ

MITAC INTERNATIONAL CORP.
TYAN® Business Unit

USA
Tel: +510-651-8868
Fax: +1-510-651-7688

Taiwan
Tel: +886-2-8751-2200
Fax: +886-2-8797-2767

Germany
Tel: +49-89-318598000
Fax: +49-89-31609236

UK
Tel: +44 (0) 870-027-2881

Netherlands
Tel: +31-10-2467722
Fax: +31-10-4735881

China
Tel: +86-010-62555015

Japan
Tel: +81-3-3837-7580
Fax: +81-3-3837-7581