

Server Solution



Transport GX18

B5365GR18S2



▼ Front View



▼ Back View



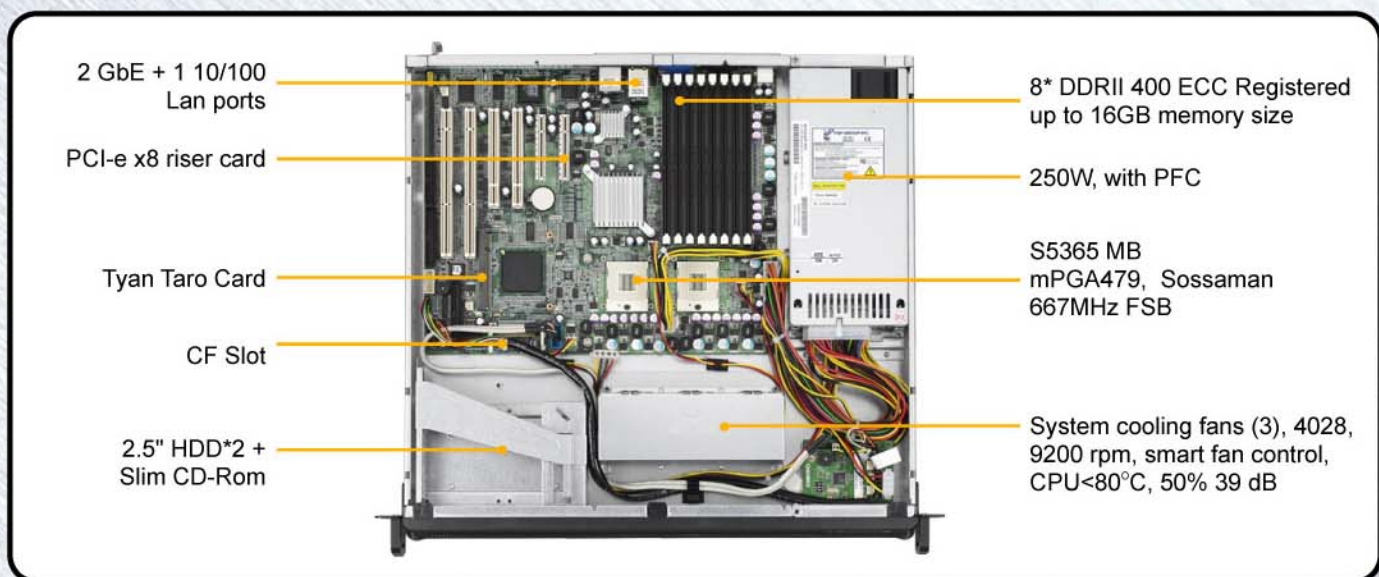
Ultra Dense, High performance, Low-Power Server Platform with Dual Intel Sossaman

- Tyan 1U GX18 with Dimension 393mm x 435mm x 43.5mm
- Support Dual Intel Sossaman (667 FSB) Processors up to 2.33GHz
- Integrate Intel E7520 MCH with Intel 6300 ESB
- Support Eight (8) Registered DDRII 400 DIMMs up to 16GB
- Support Dual GbE port (Intel 82571EB) and Single FE port (Intel 82551QM)
- Support Two (2) Internal 2.5" HDD cage + One (1) Slim CD-Rom
- One (1) PCI-e x8 riser-card
- One 250W Power Supply with PFC

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▼ B5365 TOP View



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

Enclosure

- Industry 19" rack-mountable 1U Chassis

Dimension

- D 393 x W 435 x H 43.5 mm

Processors

- Dual mPGA479 sockets support Intel® CPU's as below:
667MHz FSB Sossaman (dual core) with 2M L2, up to 1.67GHz (LV), 2.0GHz and 2.33GHz

Memory

- Dual channel memory bus (must be populated in pairs)
- 8 DDRII 240-pin DIMM sockets up to 16GB memory size
- Supports registered DDRII 400 Compliant with ECC memory
- Supports 256MB, 512MB, 1GB, 2GB DDRII DIMM

Chipset

- Intel® E7520 Memory Controller Hub
- Intel® 6300ESB I/O Controller Hub

Expansion Slot

- One (1) PCI-e x8 riser-card
- One (1) CF Slot
- One (1) Tyan TARO So-Dimm Slot

Back I/O Port

- Stacked PS/2 Mouse & Keyboard Connector
- Stacked Two (2) USB 2.0 + One (1) RJ 45 Connector
- One (1) 9-pin UART Serial Port

- One (1) 15-pin VGA Port
- Stacked Two (2) RJ45 Connector

Front Panel Features

- I/O
- Two (2) USB 2.0 Ports
- LED Indicators
- Power LED
- Two (2) LAN LEDs
- HDD active LED
- Fault LED
- Switches
- Power
- Reset
- Alarm Mute

Storage

- Support Two (2) internal 2.5" SATA HDD
- One (1) Slim CD-Rom (optional)

Networking

- Two (2) GbE LAN (Intel 82571EB) Ports
- One (1) 10/100 LAN (Intel 82551QM) Port

Graphics

- ATI ES1000 w/ 16MB frame buffer memory

Motherboard

- TYAN Tiger S5365G3NR System Board
- ATX form factor (12" x 9.6")

BIOS

- Phoenix BIOS® on 8Mbit Flash ROM
- Supports ACPI 2.0
- Supports boot from USB device
- WOL and PXE supported (by Intel 82551QM only)

- 8* DDRII 400 ECC Registered up to 16GB memory size

- 250W, with PFC

- S5365 MB mPGA479, Sossaman 667MHz FSB

- System cooling fans (3), 4028, 9200 rpm, smart fan control, CPU<80°C, 50% 39 dB

- Power-on mode control for AC power loss recovery

System Management

- Total five 3-pin fan headers with control and tachometer monitoring
- Monitors voltage for CPU, Memory & Power Supply
- Monitoring temperatures for CPU & environment
- Pin headers for Fault LED, Power/Suspend LED & HDD activity LED,
- Chassis Intrusion detection
- Watch Dog Timer supported
- IPMI 2.0 SoL

System Cooling

- Three (3) 40*40*28mm 9200rpm Fans
- Two (2) passive CPU heatsinks for Sossaman CPU

Power Supply

- EPS 12V, 1U 250W with PFC
- 100V-240V AC input

Regulatory

- CE, FCC Class B (Declaration of Conformity)

Environment Temperature

- Operating Temperature 5°C~35°C
- Non-Operating Temperature -40°C~70°C

Product SKU

- Model: B5365GR18S2
- HDD Type: Internal 2.5" SATA HDD (2)
- System Board: S5365G3NR

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