

Value Entry Server Platform



Transport GT20

B5151 with Intel® P4™



▼ Front View



▼ Back View



Key Feature

P4, max 4GB memory, 3 LANs, 133MHz PCI-X slot, 4 HDDs

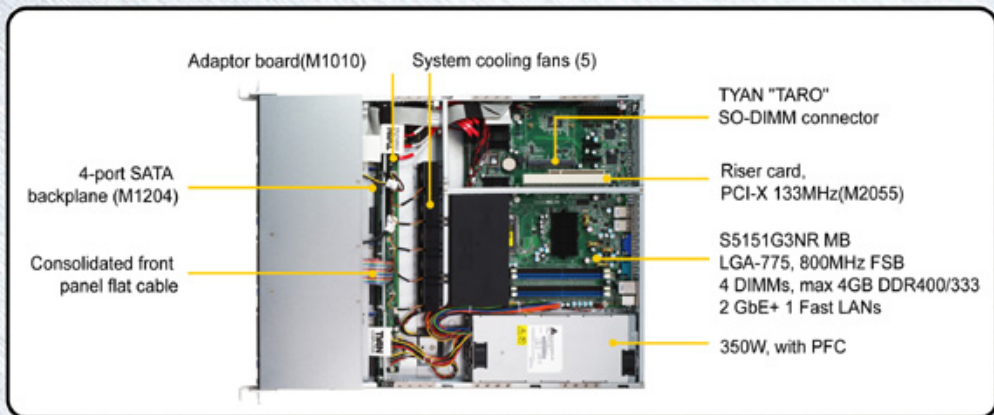
- Support Intel® P4™ (LGA-775 socket), up to 3.8GHz, with 800/533MHz FSB
- Four (4) DIMMS, supporting up to 4GB DDR400/333 memory
- Three (3) integrated Ethernet LANs (2* GbE + 1* 100Mb)
- 133MHz PCI-X expansion slot support
- Support 4 hot-swappable SATA HDDs, with RAID 0, 1
- Automatic fan speed control function
- Screw-less design for better servcibility
- 1U rack-mountable form factor, 22.4" in depth, 350W power supply
- Models:

Model Number	HDD bay (No. of HDD)	Storage Backplane	System Board
B5151G20S4H	Hot-swappable (4)	4-port SATA	S5151G3NR

Transport GT20

B5151 with Intel® P4™

▼ B5151G20S4H TOP View



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

Enclosure

- Industry 19" rack-mountable 1U chassis
- Storage bay
 - (4) 3.5" HDD bays
 - (1) slim line CD-ROM bay
 - (1) slim line FDD bay
- Dimension:
 - D 22.4 x W 17.2 x H 1.72 inch (568x436x43.6mm)

Processors

- Supports Intel P4™ (socket LGA775) of up to 3.8GHz processors, with 800/533MHz FSB

Chipset

- Intel E7221 (Copper River) chipset
- MCH + ICH6R + PXH-V
- SMSC DME1737 LPC I/O chip
- Analog Devices ADM1027 Hardware monitor IC

Memory

- Four 184-pin DDR DIMM sockets
- Supports up to 4GB of unbuffered, ECC/non-ECC memory module
- Support up to 4 DDR400/333 DIMM
- Dual Channel memory bus

Expansion Slots

- One 64-bit/133MHzMHz (3.3V) PCI-X slot, supporting full-height/half-length form factor card
- Tyan TARO™ SO-DIMM connector for optional add-on TYAN storage controller daughter card

Back I/O Ports

- (1) Keyboard & (1) PS/2 Mouse ports

- (3) RJ45 10/100/1000 Base-T port w/ activity LED
- (2) USB 2.0 ports
- (1) 9-pin UART Serial port
- (1) 15-pin VGA port

Front Panel Features

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

Storage Controller

- Integrated 4 port SATA controller, supported by Intel ICH6
 - Support 1.5Gb/s per port
 - Support HostRAID 0, 1 and 10

Storage

- Supports 4 hot-swappable SATA HDDs
- Slim line CD-ROM

Networking

- Two Gigabit Ethernet ports (Broadcom BCM5721)
 - PCI-E interface, connected to MCH)
 - Support teaming feature & ASF2.0
- One 10/100Mb Ethernet port (Intel 82551 controller)

Video

- ATI® Rage™ XL PCI graphics controller
- 8MB Frame Buffer of video memory

Motherboard

- TYAN Tiger S5350G2NR-1U
- ATX (9.6" x 12")

BIOS

- Award 8Mbit LPC Flash ROM
- Supports APM 1.2 & ACPI 1.0
- PnP, DMI 2.0, WIM 2.0 power management

Server Management

- Automatic system fan speed control
- Chassis intrusion alert
- Support Tyan Server Management(TSM)

Cooling

- (5) 40x40x28mm 1500rpm heavy-duty fans
- (1) passive CPU heatsink

Power Supply

- ATX 12V, 1U, 350W with PFC
- 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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