

# TYAN

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## Value Entry Server Platform

Dual Core  
Ready



### Transport GT20

B5161G20S4H



Front view



Back view



#### High Density Entry Server Platform with Intel® "Prescott/Smithfield/Cedar Mill"

- Single LGA775 socket for Intel® Pentium™ 4 and Pentium™ D processor(Prescott/Smithfield/Cedar Mill/Presler) 1066/800/533 MT/s FSB
- Intel® E7230 MCH/ICH7-R + PXH-V
- Four (4) DIMMs, supporting max. 8B unbuffer, ECC/non-ECC DDR2 667/533/ 400
- Two (2) gigabit LAN port (Intel i82573V GbE LAN controllers)
- One (1) 10/100Mb Ethernet port ( i82551QM fast ethernet LAN controller)
- One (1) 64-bit/133MHz PCI-X slot on riser card  
One (1) 64-bit/133MHz PI-X slot; or one x16PCI-E slot with x8 signal
- Four (4) hot-swappable SATA HDD bay support, with HostRAID 0, 1, 10
- One (1) slim CD-ROM drive, 24x
- One (1) optional slim FDD
- TYAN GT20, with Delta 350W power supply

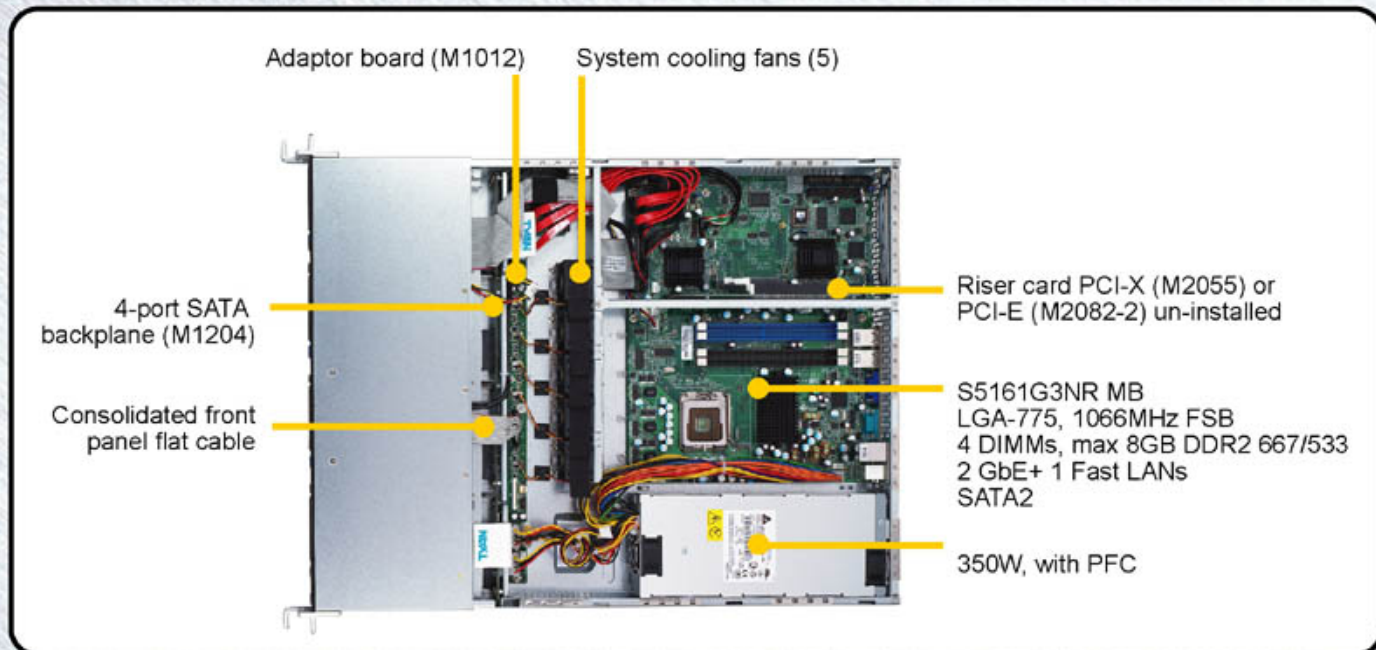
(Specifications are subject to change without notice. Items pictured may only be representative.)



# Transport GT20

## B5161G20S4H

▼ Side 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

- Single LGA775 socket
- Supports Intel Pentium™ 4 and Pentium™ D processor (Prescott/Smithfield/Cedar Mill/Presler)
- 1066/800/533 MT/s FSB

#### Chipset

- Intel E7230 (Mukilteo) MCH
- ICH7-R South Bridge
- PXH-V 64-bit PCI Hub
- SMSC SCH5017 Super I/O chip
- EMC6D103 Hardware Monitoring IC

#### Memory

- Four 240-pin DDR2 DIMM sockets
- Supports ECC DIMMs
- Maximum of 8GB Unbuffered DDR2-667/533/400

#### Expansion Slots

- (1) 64-bit 100/133MHz PCI-X slot on riser card, M2055; or one (1) PCIe x16 slot on riser card, M2082-2 (with x8 signal)

#### Back I/O Ports

- Stacked PS/2 Mouse & Keyboard ports
- Stacked 2 USB 2.0 ports & (1) RJ45 10/100 port

- (1) 9-pin UART Serial port
- (1) 15-pin VGA port
- (2) side-by-side RJ-45 10/100/1000 ports

#### Front Panel Features

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

#### Integrated Storage Controller (BCM5785)

- South Bridge integrated 4-port SATA2 controller, at 3.0Gb/s

#### Storage

- Four (4) hot-swappable, SATA HDD with RAID 0, 1, 10

#### Networking

- Three (3) LAN ports:
  - (2) Intel i82573V GbE LAN controllers
  - (1) Intel i82551QM fast Ethernet LAN controller

#### Video

- XGI Volari Z7 (XG20)
- 16MB frame buffer memory

#### Motherboard

- TYAN S5161 system board
- ATX footprint (12" x 9.6")

#### BIOS

- PHOENIX BIOS on 8Mbit LPC Flash ROM
- Serial Console Redirect
- Supports APM 1.2 and ACPI
- PnP, DMI 2.0, WfM 2.0 power Management

#### Server Management

- System fan speed control and monitoring
- Chassis intrusion alert
- Supports Tyran Server Management (TSM)
- TYAN SMDC, IMPI 2.0 compliant remote server management kit (Optional)

#### System Cooling

- (5) 40\*40\*28mm 15000rpm heavy-duty fans
- (1) passive CPU heatsink

#### Power Supply

- EPS 12V, 1U, 350W with PFC
- 100V~240V AC input

#### Regulatory

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

#### Environment Temperature

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

#### Product SKU

Model #	HDD type supported	No. of HDD supported	System Board
B5161G20S4H	Hot-swappable (4)	4-port SATA	S5161G3NR

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