

## Versatile 1U Server Platform



### Transport GT20

B2865G20S4H



▼ Front View(B2865G20S4H)



▼ Back View(B2865G20S4H)



#### Supporting AMD Athlon64™ & 939-pin Opteron™ 100 processor

AMD 64-bit UP (single/dual core), 4GB memory, 2 GbEs, PCI-E, 4 HDDs

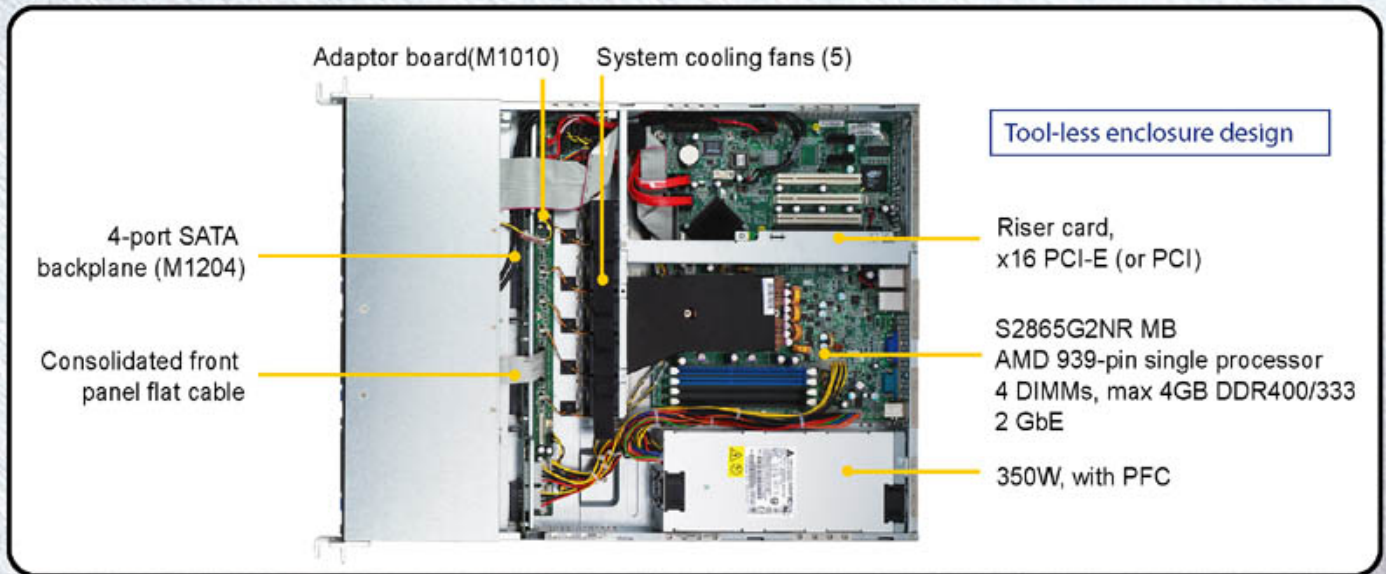
- Support AMD 939-pin UP, including Athlon™ 64, Athlon™ 64 X2, Athlon™ 64 FX and Opteron™ 100(S939)
- Nvidia nForce4 Ultra
- Four (4) DIMMs, supporting max. 4GB unbuffered, ECC/non-ECC DDR400/333
- 2\*GbE (One Broadcom BCM5721 controller , one nForce4 integrated MAC with Marvell PHY)
- One (1) x16 PCI-E ( or one 32-bit PCI) on riser card
- Four (4) hot-swappable SATA HDD bay support, with HostRAID 0, 1, 0+1
  - One (1) slim CD-ROM drive, 24x
  - One (1) optional slim FDD
- TYAN GT20, with Delta 350W power supply
- Model:

Model Number	HDD bay (No. of HDD)	Storage Backplane	System Board
B2865G20S4H	Hot-swappable(4)	4-port SATA	S2865G2NR

# Transport GT20

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▼ B2865G20S4H 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
- (1) slim line FDD bay
- (4) 3.5" HDD bays
- Dimension: D 22.4 x W 17.2 x H 1.72 inch (568x436x43.6mm)

### Processors

- Support one 939-pin AMD Athlon™ 64/Athlon™ 64/ X2/ Athlon™ 64 FX/ Opteron™ 100(S939) series processors
- Up to 1000 MHz Hyper-Transport link support

### Chipset

- nVIDIA nForce4 Ultra
- SMSC DME1737

### Memory

- Dual memory channels
- Supports up to four DDR-400/333 DIMMs
- Up to 4GB of Unbuffered, ECC/non-ECC memory

### Expansion Slots

- One x16 PCI Express (or one 32-bit PCI) on riser card

### Back I/O Ports

- Stacked PS/2 Mouse & Keyboard ports
- COM1 connector
- One 15-pin VGA port
- Stacked two USB2.0 ports and one RJ45
- Stacked two USB2.0 ports and one RJ45

### Front Panel Features

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

### Integrated Storage Controller

- Serial ATA II host controller embedded
- Support 4 SATA ports running at 3.0Gb/s

### Storage

- Hard Disk Drives: Support (4) hot-swappable, SATA HDD with RAID 1,0, 0+1
- Pre-installed slim type 24x CD-ROM

### Networking

- Two gigabit LANs
- Gigabit Ethernet ports (Broadcom® BCM5721 PCI-E GbE LAN controller connected MCH), with teaming feature support
- Nvidia nForce4 integrated MAC with Marvell 88E1111-CAA Gigabit Ethernet

### Video

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

### Motherboard

- TYAN Tomcat K8E S2865G2NR system board
- ATX footprint 9.6" x 12"(244mm\*305mm)

### BIOS

- Award BIOS 8Mbit Flash
- Supports APM 1.2 & ACPI 1.0
- PnP, DMI2.0, WfM2.0 Power Management

### Server Management

- SMDC DME1737 w/ hardware monitoring
- Optional TYAN SMDC Kit, IPMI 1.5 compliant

### System Cooling

- (5) 40\*40\*28mm 14500rpm heavy-duty fans
- passive CPU heatsinks

### Power Supply

- PS 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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