



## Tyan Tank TA26(B5383)

### Motherboard

- ✧ Motherboard
  - ✧ TYAN Tempest i5000PT S5383
  - ✧ SSI / Extended ATX (12" x 13")
- ✧ Processors
  - ✧ Dual LGA771 sockets
  - ✧ Supports one or two Intel® Xeon™ 5000/5100/5300 series processors
- ✧ Chipset
  - ✧ Intel® 5000P chipset
  - ✧ Intel® 6321ESB I/O Controller Hub
  - ✧ Winbond 83627HF Super I/O chip
- ✧ Memory
  - ✧ Total sixteen (16) 240-pin DDR2 FBDIMM sockets
  - ✧ Supports up to 64GB DDR2-533/667 FBD memory
- ✧ Video
  - ✧ ATI® ES1000 controller; PCI interface
  - ✧ 32MB DDR memory
- ✧ BIOS
  - ✧ PhoenixBIOS® on 8Mbit Flash ROM
  - ✧ Support APM 1.2, ACPI 1.0b
  - ✧ Serial Console Redirect
  - ✧ PXE via Ethernet, USB device boot
  - ✧ PnP, DMI 2.0, WfM 2.0 Power Management
  - ✧ User-configuration of H/W monitoring
  - ✧ Auto-configuration of hard disk types
  - ✧ Multiple boot options
  - ✧ 48-bit LBA Support
- ✧ Storage Controller
  - ✧ SATA Controller
    - ✧ Integrated four (4) SATA 2.0 ports from Intel® 6321E
    - ✧ RAID 0, 1, 5, 10 supported (RAID 10 only supported under windows)
  - ✧ SAS Controller
    - ✧ LSI® 1068E SAS controller with PCI-E x8 interface
    - ✧ (8) SAS ports (SAS 4 in 1 & four standard connectors)
    - ✧ RAID 0, 1, 1E supported
- ✧ Networking
  - ✧ One Intel® "Gilgal" (82563EB) PHY
  - ✧ One Intel® "Ophir" (82571EB) Gigabit Ethernet Controller

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

### Chassis

- ✧ Enclosure
  - ✧ Industry 2U rack-mountable chassis
  - ✧ Storage bay
    - ✧ (8) 3.5" HDD bays
    - ✧ (1) slim line ODD bay
  - ✧ Dimension:
    - ✧ D 26x W 16.7 x H 3.4 inch (660x423x87mm)
- ✧ Expansion Slots
  - ✧ (1) PCI-E x8 slot (w/ x8 signals from MCH)
  - ✧ (1) PCI-E x8 slot (w/ x8 signals from ESB2)
  - ✧ Support total 2 low-profile expansion Cards
- ✧ Back I/O Ports
  - ✧ One Keyboard & One PS/2 Mouse ports
  - ✧ Two USB 2.0 ports
  - ✧ One 15-pin VGA port
  - ✧ One 9-pin 16550 UART serial port
  - ✧ Four 10/100/1000 RJ-45 LAN ports
- ✧ Front Panel Features
  - ✧ I/O
    - ✧ (2) USB 2.0 ports
  - ✧ LED indicators
    - ✧ Power LED
    - ✧ (2) LAN LEDs
    - ✧ HDD Active LED
    - ✧ ID LED
  - ✧ Switch
    - ✧ Power
    - ✧ Reset
    - ✧ ID
- ✧ Storage Backplane
  - ✧ (1) 8-port SAS backplane, supporting up to 8 SAS HDDs or SATA HDDs
- ✧ Power Supply
  - ✧ EPS 12V, 2U, 700W single power with PFC for B5383T26W8H
- ✧ Regulatory
  - ✧ FCC Class B (Declaration of Conformity)
  - ✧ CE (Declaration of Conformity)
- ✧ Environment
  - ✧ Operating: 5~35
  - ✧ Non-Operating: -40~70