

TYAN

RedLinX™

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Performance 2U High-Density Server Platform



Tank TA26

B5380
with Dual Xeon™ 5000/5100 series



▼ Front View



▼ Back View



Key Feature

Dual Xeon™, 16 GB FBD memory(tested), 2 GbE, 8HDDs in 2U

- Support dual Intel® Xeon™ D5000/5100 CPUs (socket-771), Intel® 5000P/6321ESB chipset
- Eight (8) Fully-Buffered DIMMs, supporting max. 32GB FBD-DDR2 memory
- Two (2) gigabit Ethernet LANs (Intel® 82563 dual GbE PHY)
- Support total 5 low-profile expansion
 - Two (2) PCI-E x16 slots (x8 signal)
 - One(1) PCI- E x8 slot (x4 signal)
 - Two (2) PCI-X 133MHz slots
- Support up to eight (8) hot-swap SATA HDDs
 - Standard shipping config: 6 SATA ports natively supported by the motherboard, from ESB2
 - 3rd party SATA card is required if to support more than 6 SATA HDDs
 - 3rd party SAS card is required if to support SAS HDDs
- One (1) slim DVD-ROM drive, pre-installed

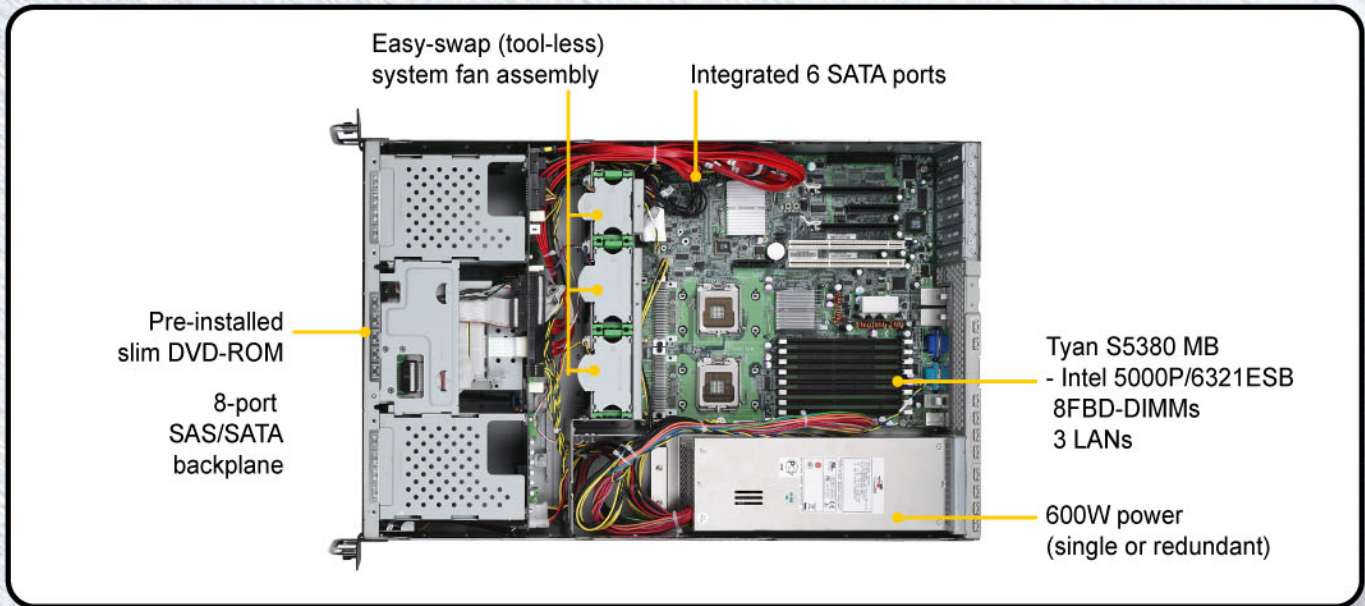
(Specifications are subject to change without notice. Items pictured may only be representative.)

Tank TA26

B5380
Dual Intel® Xeon™



▼ TOP View



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

Enclosure

- Industry 2U rack-mountable chassis
- Storage bay
(8) 3.5" HDD bays
(1) slim line ODD bay
- Dimension:
D 26x W 17 x H 3.5 inch
(660x432x88mm)

Motherboard

- TYAN Tempest i5000PX S5380G2NR
- Extended ATX footprint (12" x 13")

Processors

- Dual LGA771 sockets
- Supports one or two Intel® Xeon™ 5000/5100 processors

Chipset

- Intel® 5000P+ 6321ESB chipset

Memory

- Total eight (8) 240-pin DDR2 FBDIMM sockets
- Supports up to 16GB DDR2-533/667 FBD memory

Video

- ATI® ES1000 controller; PCI interface
- 32MB DDR Frame Buffer

BIOS

- Phoenix BIOS on 8Mbit Flash ROM
- 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

Expansion Slots

- Support total 5 low-profile expansion
 - Two (2) PCI-E x16 slots (x8 signal)
 - One(1) PCI- E x8 slot (x4 signal)
 - Two (2) PCI-X 133MHz slots

Back I/O Ports

- One Keyboard & One PS/2 Mouse ports
- Six (6) USB 2.0 ports
- One 15-pin VGA port
- One 9-pin 16550 UART serial port
- Two 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
- Switch
 - Power
 - Reset

Storage Controller

- RAID 0, 1, 5, 10 supported

Networking

- Integrated dual GbE LANs from 82563 PHY, with Intel Gigal network controller

Storage Backplane

- One (1) 8-port SAS backplane, supporting up to 8 SAS HDDs or SATA HDDs
- (Note: it is required to install 3rd party add-on card to support 8 SAS or SATA HDDs. Add-on card is not shipped with the B5380T26V8H/R barebone.)

Server Management

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

Power Supply

- EPS 12V, 2U, 600W with PFC for B5380T6V8H
- EPS 12V, 2U, 600W 1+1 redundant power with PFC for B5380T26V8HR

Regulatory

- FCC Class B (Declaration of Conformity)
- CE (Declaration of Conformity)

Model #	No. of HDD supported	Backplane	Power Supply
B5380T26V8H	8	8-por SAS/SATA	Single 600W
B5380T26V8HR	8	8-port SAS/SATA	600W(1+1) redundant

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