SuperServer 6026TT-TF

Systems 2U [6026TT-TF] **Products**



4 Integrated Boards

Super X8DTT - F

Available Colors:

Black

Manuals

Key Features

Four systems (nodes) in a 2U form factor. Each node supports the following:

- 1. Intel® Xeon® processor 5600/5500 series, with QPI up to 6.4 GT/s
- 2. Up to 192GB** DDR3 1333/ 1066/
- 800MHz ECC Registered DIMM / 48GB Unbuffered DIMM
- 3. 1 (x16) PCIE (Low Profile)
- 4. Integrated IPMI 2.0 with KVM and **Dedicated LAN**
 - 5. Intel® 82576 Dual-Port Gigabit **Ethernet Controller**
- 6. 3x Hot-swap SATA Drive Bays
- 7. 1400W Gold-level High-efficiency Power Supply

nal parts, Please refer to parts list for standard parts included.

cations

Drivers & Uti	litie	s BIOS Tested Memory / HDD			
Note: Image a	bov	e may show a varied configuration or opti			
		Specif			
Product SKUs					
SYS-6026TT-TF	-	SuperServer 6026TT-TF (Black)			
Motherboard					
4x Super X8DTT-F					
Processor/Cache	•	Dual 1366-pin LGA Sockets			
	•	Supports up to two Intel® 64-bit Xeon® processor(s) of the same type			
		below:			
		■ Intel® Xeon® Processor			
CPU		X5600/E5600/L5600 Series (Westmere) 40W - 95W			
		■ Intel® Xeon® Processor			
		X5500/E5500/L5500 Series			
		(Nehalem -EP) 38W- 95W			
QPI	-	up to 6.4 GT/s			
System Memory					
	•	12x 240-pin DIMM sockets			
	•	Supports up to 192 GB** 1333 / 1066 / 800MHz DDR3 ECC Registered memory			
Memory Capacity	•	Supports up to 48 GB 1333 / 1066 /			
		800MHz DDR3 ECC / Non ECC Unbuffered memory			
	•	Memory Mirroring supported			
Mamanu Tuna	•	1333 / 1066 / 800MHz ECC Registered / ECC or Non ECC Unbuffered DDR3			
Memory Type		SDRAM 72bit, 240-pin gold-plated DIMMs			
DIMM Sizes	•	1GB, 2GB, 4GB , 8GB** , 16GB**			
Memory		1.5 V			
Voltage	_				
	-	Corrects single-bit errors Detects double-bit errors (using ECC			
Error Detection		memory) Supports Inte® x4 and x8 Single			
		Device Data Correction (SDDC)			
On-Board Devices	(pe	r Node)			
Chipset		Intel® 5500 (Tylersburg) chipset ICH10R + IOH86D			
	•	Intel ICH10R SATA 3.0Gbps Controller			
SATA	•	RAID 0, 1, 5, 10 support			
	•	Support for Intelligent Platform Management Interface v.2.0			
IPMI	٠	IPMI 2.0 with virtual media over LAN			
		and KVM-over-LAN support Winbond® WPCM450 BMC			
	•	Inte® 82576 Dual-Port Gigabit Ethernet			
	-	Controller Supports 10BASE-T, 100BASE-TX, and			
Network		1000BASE-T, RJ45 output Intel® I/OAT 3 support for fast,			
Controllers		scaleable, and reliable networking VMDq support for better performance			
		of virtualization			
	•	1x Realtek RTL8201N PHY (dedicated IPMI)			
Graphics		Matrox G200eW			
Super I/O	•	Winbond W83527HG chip			
Clock Generator	-	932S421 chip			
Input / Output (per	No	de)			
Serial ATA	:	Six Serial ATA ports 3 SATA hard drives supported			
LAN	•	2x RJ45 LAN ports			
LAN	-	1x RJ45 Dedicated IPMI LAN port			
USB	-	2 rear + 1 header (2 Ports) 4 total USB ports, 2.0 Compliant / 1.1			
		Compliant			
VGA Social Bort	•	1x VGA Port			
Serial Port		1 Fast UART 16550 serial port			
System BIOS (per Node)					
BIOS Type	•	32Mb SPI Flash EEPROM with All BIOS			
7 7 43	•	Plug and Play (PnP)			
DIOC Factoria	-	PCI 2.2			

Chassis						
Form Factor	■ 2U Rackmount					
Model	CSE-827T-1400B					
Dimensions						
Height	3.5" (89mm)					
Width	17.2" (437mm)					
Depth	28.5" (724mm)					
Gross Weight	85 lbs (38.6kg)					
Available Colors	Black					
Front Panel (per Node)						
Buttons	Power On/Off buttonUID button					
LEDs	 Power LED (on power button) UID LED (on UID button) Network activity LED System Overheat/fan fail/power fail/ LED 					
Expansion Slots (per Node)						
PCI-Express	1 (x16) PCIE (Low Profile)					

Drive Bays (per Node)

3x 3.5" SATA Hot-swap drive bays

4x Cooling Fans

2U Hard drive Backplane

System Cooling

Fans

Power Supply

1400W high-efficiency power supply with PMBus

1100W Output @ 100140V, 13.5-9.5A, 50-60Hz 1400W Output @ 180240V, 9.5-7.0A,

AC Input

DC Output

50-60Hz 1100W: +12V/92A; +5Vsb/4A 1400W: +12V/116A; +5Vsb/4A

+5V: 30 Amp -12V: 0.6 Amp

Certification

CPU



[Test Report]

80 PLUS Gold Certified

FAN

VBAT, Memory Voltages. CPU Core 6Phase-switching voltage regulator Total of four 4-pin PWM fans 4x fans with tachometer monitoring Status monitor for speed control Status monitor for on/off control Low noise fan speed control

Monitors for CPU Cores,+1.5V, +3.3V, +5V, +12V, +5 Stdby, +3.3 Stdby,

Temperature

Monitoring for CPU and chassis environment CPU thermal trip support Thermal Control for 4x Fan Connectors PSU fC temperature sensing logic Thermal Monitor 2 (TM2) support PECI Power Fail / Overheat LED Suspend-state Indicator LED UID LED

LED Other Features RoHS

Environmental

Spec.

SDDC Support Operating Environment / Compliance

RoHS Compliant Operating Temperature: 10°to 35°C (50°to 95°F)

1400W Gold Level Power Supply for Redundancy

Non-operating Temperature:-40°to 70° C (-40°to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5 to

95% (non-condensing)

Parts List

Parts List - (Itams Included

See Parts List

BIOS Features

	Part Number	Qty	Description
Motherboard / Chassis	MBD-X8DTT-F	4	Super X8DTFF Motherboard
Wotherboard / Chassis	CSE-827T-1400B	1	2U Black Chassis
Air Shroud	MCP310-82701-0B	4	2U Air Shroud
Backplane	BPNSAS-827T	1	Sup 12x3.5ö SAS/SATA hdd; No SESII; SATA con
Cable 1	CBL-0316L	3	SATA SET OF 452/52/44S-RA/40S-S CM ROUND (2U Twin^2 Wiring
CD	CDRX8	1	For X8 series
Power Supply	PWS-1K41P-1R	1	1400W 1U GOLD LEVEL PWS W/ PM BUS & WX3
Riser Card	RSGR1UE16R	4	RSGR1UE16R
Heatsink / Retention	SNK-P0037P	8	1U PASSIVE CPU HS FOR INTEL LGA1366 (HTP)
Power Distributor	PDBPT827-S4204	1	SC827 20PIN SPECIAL OUTPUT POWER DISTRIBUTOR
Fan 1	FAN-0129L4	4	80x80x38 mm 11K RPM SC217, SC827 Chassis Middle Fan
Mounting Rails	MCP290-00053-0N	1	Rail set, quick/quick, default for 2,3U 17.2"W
Drive Tray(s)	MCP220-00075-0B	12	Black gen 5.5 hotswap 3.5" HDD tray (w/ hollowed dummy)

	Part Number	Qty	Description
Optional Parts List			
Drive Tray(s)	MCP220-00075-0B	12	Black gen 5.5 hotswap 3.5" HDD tray (w/ hollowed dummy)
Mounting Rails	MCP290-00053-0N	1	Rail set, quick/quick, default for 2,3U 17.2"W
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Hide Parts List

Power Supply

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PWS-1K41P-1R

ACPI up to 3.0

USB Keyboard support

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^{**} Please check Tested Memory List ' for compatibility