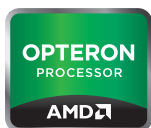


QUAD-SOCKET 1U SERVER PLATFORM

GT26A-B8812

B8812G26AW4H



■ Front View



1.2KW (@220Vac)/ 1.0KW (@ 110Vac)
Front-serviced PSU, 80+ Platinum
4x hot-swap 2.5" HDDs

■ Back View



1x half-height, half-length PCI-E Gen.2 x16 slot
AC power cord routed to rear side

1U QUAD SOCKET PLATFORM FOR HIGH-DENSITY HPC APPLICATION

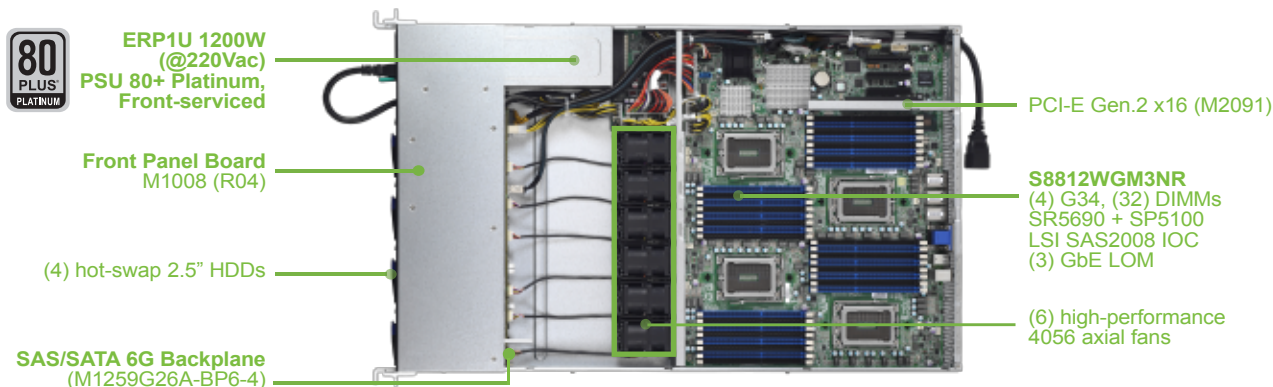
- Quad G34 socket supports (4) AMD Opteron™ 6300 CPU series
- AMD (2)SR5690 + SP5100
- (8)+(8)+(8)+(8) DIMM slots
Supporting up to 512GB R-DDR3 ECC 1600/1333/1066 memory
- (1) Half-Height/ Half-Length PCI-E Gen2 x16 slot
- (4) Hot-swap 2.5" SAS/SATA 6G HDDs
- (3) GbE ports (Intel® 82576EB + Intel® 82574L shared with IPMI)
- Onboard BMC w/ IPMI and iKVM support
- (1) EPS1U 1200W PSU w/PFC, 80 plus Platinum

GT26A-B8812

B8812G26AW4H

TYAN
Specifications

Top View



System	Form Factor	1U Rackmount	
	Chassis Name	GT26A	
	Dimension (H x W x D)	27.87" x 17.2" x 1.72" (708 x 436 x 43.6mm)	
	Motherboard	S8812WGM3NR	
	Gross Weight	17 kg	
Front Panel	Buttons	(1) RST / (1) NMI / (1) ID / (1) PWR w/ LED	
	LEDs	(1) HDD / (1) ID / (1) Warning / (3) LAN	
	I/O Ports	(2) USB ports	
External Drive Bay	Type / Q'ty	2.5" Hot-Swap / (4)	
	HDD backplane support Interface	SAS / SATA 6.0Gb/s	
System Cooling Configuration	FAN	(6) 4cm fans	
Power Supply	Type	EPS1U	
	Input Range	100-127V /8A 200-240V/ 4A	
	Output Watts	1200 Watts	
	Efficiency	80 plus Platinum	
Processor	Supported CPU Series	AMD 32nm 8-Core/12-Core/16-Core Opteron™ 6300 Series Processors (Abu Dhabi)	
	Socket Type / Q'ty	G34 / (4)	
	Average CPU Power (ACP) wattage	Up to 115W CPU at 35° C Up to 140W CPU at 30° C	
Chipset	Chipset	AMD (2)SR5690 + SP5100	
	Super I/O	-	
Memory	Supported DIMM Qty	(8)+(8)+(8)+(8) DIMM slots	
	DIMM Type / Speed	R-DDR3 ECC 1600/1333/1066 memory	
	Capacity	Up to 512GB	
	Memory channel	4 Channels per CPU	
Expansion Slots	PCI-E	(1) PCI-E x16 slot	
	Pre-install TYAN Riser Card	M2091, PCI-E x16 1U riser card (left)	
LAN	Port Q'ty	(3) GbE ports (1 port shared with IPMI)	
	Controller	Intel® 82576EB + Intel® 82574L	
Storage	SAS	Connector	(4) SAS
		Controller	LSI SAS2008
		Speed	6.0 Gb/s
		RAID	RAID 0/1/1E/10 (LSI Integrated RAID)

Graphic	Connector type	D-Sub 15-pin
	Chipset	Aspeed AST2050
Input /Output	USB	(4) ports (2 at front, 2 at rear)
	COM	(1) port (rear)
	PS/2	(1) PS/2 connector (for Keyboard and Mouse)
	VGA	(1) D-Sub 15-pin port (rear)
	RJ-45	(3) ports
System Monitoring	Chipset	Winbond W83795G
	Voltage	Monitors voltage for CPU, memory, chipset & power supply
	Temperature	Monitors temperature for CPU & system environment
	LED (On system front panel)	Fan fail LED indicator / Over temperature warning indicator / Fan & PSU fail LED indicator
	Others	Chassis intrusion detection Watchdog timer support
Server Management	Onboard Chipset	Onboard Aspeed AST2050
	AST2050 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub
	AST2050 iKVM Feature	24-bit high quality video compression / Dual 10/100 Mb/s MAC interfaces
BIOS	Brand / ROM size	AMI / 4MB
	Feature	Plug and Play (PnP) /PCI.2.3 /WfM2.0 /SMBIOS2.3 /PXE boot / ACPI 2.0 power management /Power on mode after power recovery / User-configurable H/W monitoring / Auto-configurable of hard disk types
Operating System	OS supported list	Please refer to our AMD OS supported list
Regulation	FCC (DoC)	Class A
	CE (DoC)	Yes
Operating Environment	Operating Temp.	10° C ~ 35° C (50° F~ 95° F)
	Non-operating Temp.	- 40° C ~ 70° C (-40° F ~ 158° F)
	In/Non-operating Humidity	90%, non-condensing at 35° C
RoHS	RoHS 6/6 Complaint	Yes

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

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