

RACK-OPTIMIZED DUAL-SOCKET 1U PLATFORM

GT24-B7067

B7067G24V4H-2T / B7067G24W4H-2T



■ Front View



- SAS/SATA 6Gb/s compatible HDD backplane pre-installed
- (4) Hot-Swap 3.5" HDD carriers w/ 2.5" bracket included

■ Back View



- (1) FH/HL PCI-E (G3) x8 slot

RACK-OPTIMIZED 1U Dual-Socket Server Implementation for Server

- Dual LGA2011 socket supports (2) E5-2600/E5-2600 v2 series CPU
- Intel® C602 PCH
- (8)+(8) DIMM slots
 - Supporting up to 512GB LRDIMM ECC 1866/1600/1333/1066 memory
 - Supporting up to 256GB R-DDR3 ECC 1866/1600/1333/1066 memory
 - Supporting up to 128GB U-DDR3 ECC 1866/1600/1333/1066 memory
- (1) Half-Height/ Half-Length PCI-E Gen3 x16 slot (w/ x8 link)
- (4) Hot-swap 3.5"/2.5" SAS/SATA 6G HDDs
- (2) 10GbE SFP+ (Broadcom® BCM57810S)
 - (1) GbE RJ-45 (Intel® 82574L shared with IPMI)
- Onboard BMC w/ IPMI and iKVM support
- (1) EPS1U 500W PSU, 80-PLUS Gold



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Specifications

Top View

Slim-type DVD-ROM Drive (Opt.)

M1008
Integrated front panel board

Easy-swap System FANs
(6) 4028

M1235
Integrated FAN board & 4-port SAS/SATA 6G HDD backplane board

M2091 (slot #6)
Provide (1) FH/HL PCI-E (Gen. 3) x16 slot (w/ x8 link)

S7067WGM3NR-2T
(2) LGA2011 sockets (R) (8+8) R-DDR3 1866/1600/1333/1066/800MHz Max.512GB (2) 10GBASE SFP+ & (1) GbE ports

EPS1U 500W PSU
80-PLUS Gold

System	Form Factor	1U Rackmount
	Chassis Name	GT24
	Dimension (H x W x D)	25.4" x 17.2" x 1.72" (645 x 436 x 43.6mm)
	Motherboard	S7067GM3NR-2T
Front Panel	Gross Weight	17 kg
	Buttons	(1) RST / (1) NMI / (1) ID / (1) PWR w/ LED
	LEDs	(1) HDD / (1) ID / (1) Warning / (3) LAN
External Drive Bay	I/O Ports	(2) USB ports
	Type / Q'ty	3.5" or 2.5" Hot-Swap / (4)
System Cooling Configuration	HDD backplane support	SAS / SATA 6.0Gb/s
	FAN	(6) 4cm fans
Power Supply	Type	EPS1U
	Input Range	100-127V AC/8A 200-240V AC/ 4A
	Efficiency	80-PLUS Gold
	Output Watts	500 Watts
Processor	Redundancy	N/A
	Supported CPU Series	Intel® Xeon® Processor E5-2600/E5-2600 v2 series processors
	Socket Type / Q'ty	LGA2011/ (2)
	Thermal Design Power (TDP) wattage	Max up to 130W
Chipset	System Bus	Up to 8.0/ 7.2/ 6.4 GT/s with Intel QuickPath Interconnect (QPI) support
	Chipset	Intel® C602
	Super I/O	-
Memory	Supported DIMM Qty	(8)+(8) DIMM slots
	DIMM Type / Speed	RDIMM ECC 1866/1600/1333/1066 UDIMM/LRDIMM ECC 1866/1600/1333/1066
	Capacity	Up to 128GB UDIMM / 256GB RDIMM / 512GB LRDIMM
	Memory channel	4 Channels per CPU
	Memory voltage	1.5V/ 1.35V
Expansion Slots	Pre-install TYAN Riser Card	M2091, PCI-E x16 1U riser card (left)

LAN	Port Q'ty	(2) 10GbE SFP+ (1) GbE RJ-45 (1 port shared with IPMI)	
	Controller	Broadcom® BCM57810S Intel® 82574L shared with IPMI	
Storage	SATA	Connector	(4) SATA
		Controller	Intel C602
		Speed	3.0 Gb/s
		RAD	RAID 0/1/10/5 (Intel RST)
Graphic	Connector type	D-Sub 15-pin	
	Chipset	Aspeed AST2300	
Input /Output	USB	(4) ports (2 at front, 2 at rear)	
	COM	(1) DB-9 COM port	
	VGA	(1) D-Sub 15-pin (rear)	
	RJ-45	(1) port (1 port shared with IPMI)	
	SFP+	(2) 10GbE SFP+	
System Monitoring	Voltage	Monitors voltage for CPU, memory, chipset & power supply	
	Temperature	Monitors temperature for CPU & system environment	
	LED (On system front panel)	Over temperature warning indicator / Fan & PSU fail LED indicator	
	Others	Chassis intrusion detection Watchdog timer support	
Server Management	Onboard Chipset	Onboard Aspeed AST2300	
	AST2300 iKVM Feature	24-bit high quality video compression / 10/100 Mb/s MAC interface	
BIOS	Brand / ROM size	AMI / 8MB	
	Feature	Plug and Play (PnP) /PCI2.3 /WfM2.0 /SMBIOS2.3 /PXE boot / User-configurable H/W monitoring / ACPI 3.0/ACPI sleeping states S1,S4,S5	
Operating System	OS supported list	Please refer to our Intel 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 Compliant	Yes	

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

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