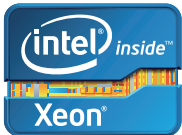


## COST-EFFECTIVE DUAL-SOCKET 1U PLATFORM

# GT24-B7066

B7066G24W4H / B7066G24V4H / B7066G24W4HR (BTO)



### ■ Front View



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

### ■ Back View



- (2) FH/HL PCI-E (G3) x16 slots

## Cost-effective 1U Dual-Socket Server Implementation for Server Applications

- Dual LGA2011 socket supports (2) Intel® Xeon® Processor E5-2600/E5-2600 v2 Series CPU
- Intel® C602 PCH
- (8)+(8) DIMM slots UDIMM/RDIMM/LRDIMM ECC 1066/1333/1600/1866  
\*Speed 1866 only for 1 slot per channel 1.5V(Blue color DIMM slot)
- (2) Half-Height/ Half-Length PCI-E Gen3 x16 slot
- (4) Hot-swap 3.5"/2.5" SAS/SATA 6G HDDs
- (3) GbE ports (Intel® I350 + Intel® 82574L shared with IPMI)
- Onboard BMC w/ IPMI and iKVM support
- (1) EPS1U 500W PSU, 80-PLUS Gold (B7066G24W4H/B7066G24V4H SKU)  
(1+1) ERP1U 450W PSU hot-swap, 80-PLUS Silver (B7066G24W4HR (BTO)SKU)

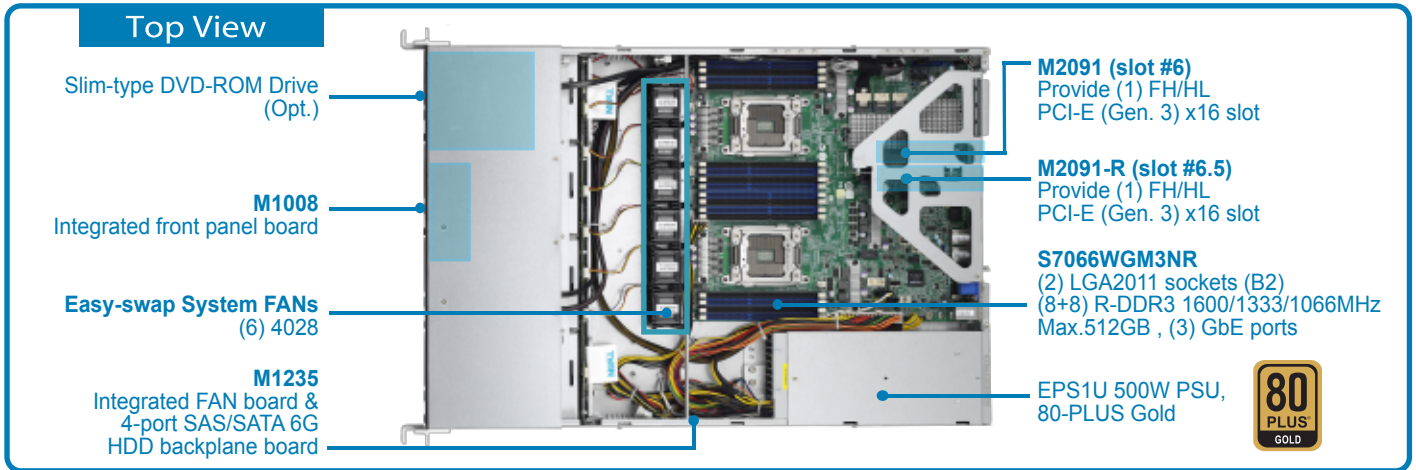


# GT24-B7066

B7066G24W4H / B7066G24V4H / B7066G24W4HR (BTO)



## Specifications



System	<b>Form Factor</b>	1U Rackmount
	<b>Chassis Name</b>	GT24
	<b>Dimension (H x W x D)</b>	25.4" x 17.2" x 1.72" (645 x 436 x 43.6mm)
	<b>Motherboard</b>	S7066WGM3NR (B7066G24W4H/B7066G24W4HR(BTO)SKU) or S7066GM3NR (B7066G24V4H SKU)
	<b>Gross Weight</b>	17 kg
Front Panel	<b>Buttons</b>	(1) RST / (1) NMI / (1) ID / (1) PWR w/ LED
	<b>LEDs</b>	(1) HDD / (1) ID / (1) Warning / (3) LAN
	<b>I/O Ports</b>	(2) USB ports
External Drive Bay	<b>Type / Q'ty</b>	3.5" or 2.5" Hot-Swap / (4)
	<b>HDD backplane support Interface</b>	SAS / SATA 6.0Gb/s
System Cooling Configuration	<b>FAN</b>	(6) 4cm fans
	<b>Type</b>	EPS1U / ERP1U
Power Supply	<b>Input Range</b>	100-127V AC/8A 200-240V AC/4A
	<b>Efficiency</b>	80-PLUS Gold or 80-PLUS Silver (B7066G24W4HR(BTO)SKU)
	<b>Output Watts</b>	500 Watts (B7066G24W4H/B7066G24V4H SKU) 450 Watts (B7066G24W4HR(BTO) SKU)
	<b>Redundancy</b>	1+1 (B7066G24W4HR(BTO)SKU)
Processor	<b>Supported CPU Series</b>	Intel® Xeon® Processor E5-2600/E5-2600 v2
	<b>Socket Type / Q'ty</b>	LGA2011 / (2)
	<b>Thermal Design Power (TDP) wattage</b>	Max up to 130W
Chipset	<b>System Bus</b>	Up to 8.0/ 7.2/ 6.4 GT/s with Intel QuickPath Interconnect (QPI) support
	<b>Chipset</b>	Intel® C602
Memory	<b>Super I/O</b>	-
	<b>Supported DIMM Qty</b>	(8)+(8) DIMM slots
	<b>DIMM Type / Speed</b>	UDIMM/RDIMM/LRDIMM ECC 1066/1333/1600/1866 *Speed 1866 only for 1 slot per channel 1.5V (Blue color DIMM slot)
	<b>Capacity</b>	Up to 128GB UDIMM / 256GB RDIMM / 512GB LRDIMM
	<b>Memory channel</b>	4 Channels per CPU
<b>Memory voltage</b>	1.5V/ 1.35V	

Expansion Slots	<b>Pre-install TYAN Riser Card</b>	M2091, PCI-E x16 1U riser card (left) / M2091-R, PCI-E x16 1U riser card (right)
	<b>Port Q'ty</b>	(3) GbE ports
LAN	<b>Controller</b>	Intel® I350/82574L shared with IPMI
	<b>Connector type</b>	D-Sub 15-pin
Graphic	<b>Chipset</b>	Aspeed AST2300
	<b>USB</b>	(4) ports (2 at front, 2 at rear)
Input /Output	<b>COM</b>	(1) DB-9 COM port
	<b>VGA</b>	(1) D-Sub 15-pin (rear)
	<b>RJ-45</b>	(3) ports (1 port shared with IPMI)
System Monitoring	<b>Voltage</b>	Monitors voltage for CPU, memory, chipset & power supply
	<b>Temperature</b>	Monitors temperature for CPU & system environment
	<b>LED (On system front panel)</b>	Fan fail LED indicator / Over temperature warning indicator / Fan & PSU fail LED indicator
	<b>Others</b>	Chassis intrusion detection Watchdog timer support
Server Management	<b>Onboard Chipset</b>	Onboard Aspeed AST2300
	<b>AST2300 IPMI Feature</b>	IPMI 2.0 compliant baseboard management controller (BMC) / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub
	<b>AST2300 iKVM Feature</b>	24-bit high quality video compression / 10/100 Mb/s MAC interface
BIOS	<b>Brand / ROM size</b>	AMI / 8MB
	<b>Feature</b>	Plug and Play (PnP) /PCI2.3 /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
Regulation	<b>FCC (DoC)</b>	Class A
	<b>CE (DoC)</b>	Yes
Operating Environment	<b>Operating Temp.</b>	10° C ~ 35° C (50° F~ 95° F)
	<b>Non-operating Temp.</b>	- 40° C ~ 70° C (-40° F ~ 158° F)
	<b>In/Non-operating Humidity</b>	90%, non-condensing at 35° C
RoHS	<b>RoHS 6/6 Compliant</b>	Yes

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

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