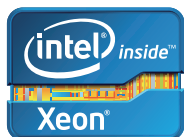


COST-EFFECTIVE DUAL-SOCKET 1U PLATFORM

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

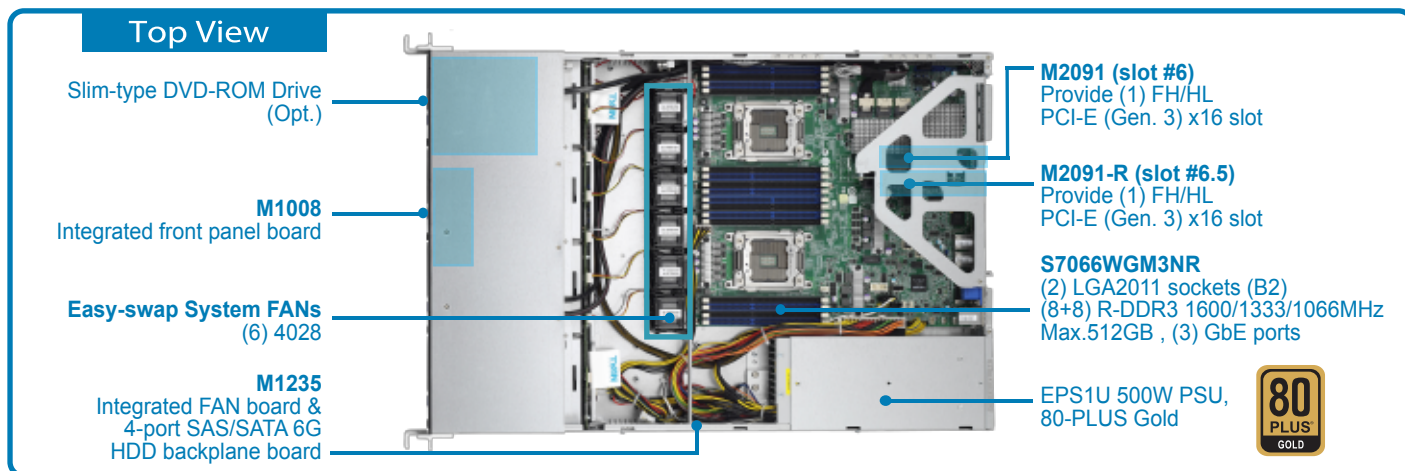
Cost-effective 1U Dual-Socket Server Implementation for Server Applications

- 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)

TYAN
Specifications



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	S7066WGM3NR (B7066G24W4H/B7066G24W4HR(BTO)SKU) or S7066GM3NR (B7066G24V4H SKU)
	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	3.5" or 2.5" Hot-Swap / (4)
	HDD backplane support Interface	SAS / SATA 6.0Gb/s
System Cooling Configuration	FAN	(6) 4cm fans
	Type	EPS1U / ERP1U
Power Supply	Input Range	100-127V AC/8A 200-240V AC/4A
	Efficiency	80-PLUS Gold or 80-PLUS Silver (B7066G24W4HR(BTO)SKU)
	Output Watts	500 Watts (B7066G24W4H/B7066G24V4H SKU) 450 Watts (B7066G24W4HR(BTO) SKU)
	Redundancy	1+1 (B7066G24W4HR(BTO)SKU)
Processor	Supported CPU Series	Intel® Xeon® Processor E5-2600/E5-2600 v2
	Socket Type / Q'ty	LGA2011/ (2)
	Thermal Design Power (TDP) wattage	Max up to 130W
	System Bus	Up to 8.0/ 7.2/ 6.4 GT/s with Intel QuickPath Interconnect (QPI) support
Chipset	Chipset	Intel® C602
	Super I/O	-
Memory	Supported DIMM Qty	(8)+(8) DIMM slots
	DIMM Type / Speed	UDIMM/RDIMM/LRDIMM ECC 1066/1333/1600/1866 *Speed 1866 only for 1 slot per channel 1.5V (Blue color DIMM slot)
	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) / M2091-R, PCI-E x16 1U riser card (right)
	Port Q'ty	(3) GbE ports
LAN	Controller	Intel® I350/82574L shared with IPMI
	Connector type	D-Sub 15-pin
Graphic	Chipset	Aspeed AST2300
	USB	(4) ports (2 at front, 2 at rear)
Input /Output	COM	(1) DB-9 COM port
	VGA	(1) D-Sub 15-pin (rear)
	RJ-45	(3) ports (1 port shared with IPMI)
	Others	Chassis intrusion detection Watchdog timer support
System Monitoring	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 AST2300
	AST2300 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub
	AST2300 iKVM Feature	24-bit high quality video compression / 10/100 Mb/s MAC interface
	Brand / ROM size	AMI / 8MB
BIOS	Feature	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
	Feature	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	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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