

COST-EFFECTIVE SINGLE-SOCKET SERVER PLATFORM

GT20-B5502-LE

B5502G20V4H-LE



■ Front View

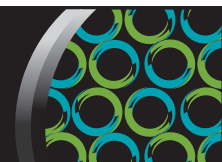


■ Back View



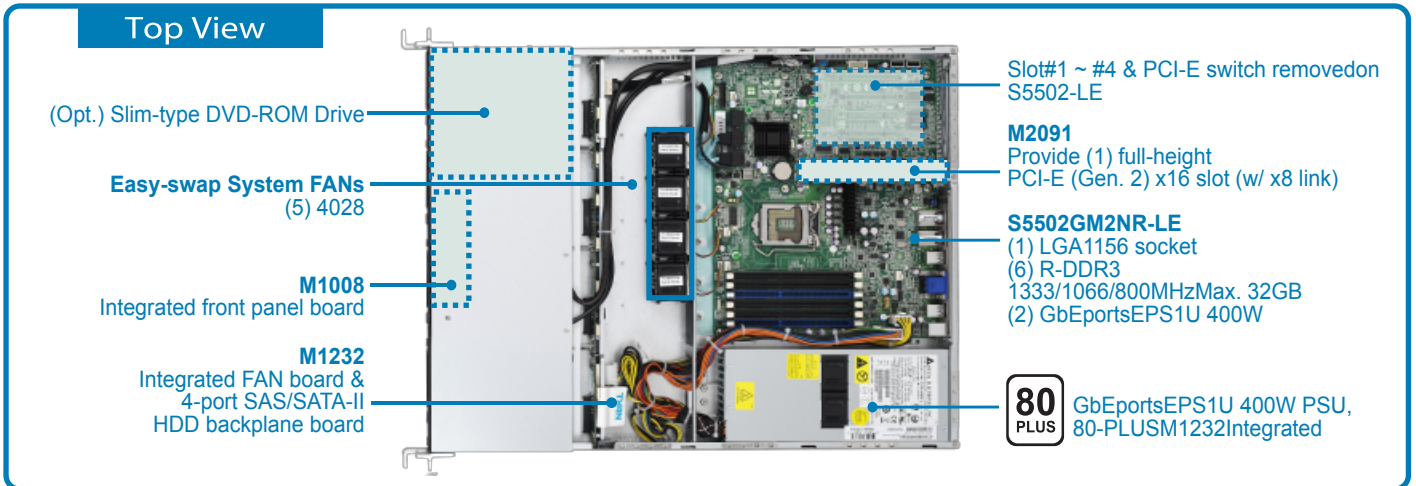
Cost-effective 1U single-socket server implementation for SMB & web portal applications

- Single LGA1156 socket support (1) Intel® Quad-Core Xeon® 3400 series (Lynnfield/ Clarkdale) processor
- Intel® 3420 PCH
- (6) 240-pin DDR3 DIMM slots support up to 32GB R-DDR3 1333/1066/800MHz w/ ECC memory
- (1) FH/HL PCI-E (Gen.2) x16 slot (w/ x8 link)
- (2) GbE LAN
- (4) Hot-swap 3.5" SATA-II HDDs w/ RAID 0, 1, 10, 5 support (Intel® RST 9.5)
- Onboard BMC w/ IPMI and iKVM support
- (1) EPS1U high-efficiency 400W PSU w/ PFC



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System	Form Factor	1U Rackmount	Graphic	Connector type	D-Sub 15-pin			
	Chassis Name	GT20		Resolution	1600x1200@60Hz			
	Dimension (D x W x H)	22.4" x 17.2" x 1.72" (568 x 436 x 43.6mm)		Chipset	Aspeed AST2050			
	Motherboard	S5502GM2NR-LE		I/O Ports	USB	(4) USB2.0 ports (2 at rear, 2 at front)		
Gross Weight	16 kg	COM	(1) DB-9 port					
Front Panel	Buttons	(1) PWR (w/ LED) / (1) RST / (1) NMI / (1) ID	PS/2		(1) PS/2 connector (for Keyboard and Mouse)			
	LEDs	(1) ID / (1) Warning / (1) Reserved (2) LAN / (1) HDD	VGA		(1) D-sub port			
	I/O Ports	(2) USB ports	RJ-45	(2) ports				
External Drive Bay	Type / Q'ty	3.5" Hot-Swap / (4)	System Monitoring	Chipset	Winbond W83793G			
	Supported HDD Interface	SATA-II 3.0Gb/s		Voltage	Monitors voltage for CPU, memory, chipset & power supply			
System Cooling Configuration	FAN	(5) 4cm fans		Temperature	Monitors temperature for CPU & system environment			
	Type	EPS1U		LED	Fan fail LED indicator Over temperature warning indicator			
Power Supply	Input Range	Full-range AC(100-240V)	Others	Chassis intrusion detection Watchdog timer support				
	Frequency	47 - 63 Hertz	Server Management	Onboard Chipset	Onboard Aspeed AST2050			
	Output Watts	400 Watts		AST2050 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) BIOS update USB 2.0 virtual hub			
	Efficiency	PFC / 80-plus		AST2050 iKVM Feature	24-bit high quality video compression Dual 10/100 Mb/s MAC interfaces			
Processor	Supported CPU Series	Intel® Xeon® Processors 3400 Series	BIOS	Brand / ROM size	AMI / 4MB			
	Socket Type / Q'ty	LGA1156 / (1)		Feature	Plug and Play (PnP) PCI2.3 /w/ m2.0 / 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 Multiple boot options			
	Thermal Design Power (TDP) wattage	Max. up to 95W	Operating System		OS supported list	Please refer to our OS supported list.		
Chipset	PCH	Intel 3420	Regulation		FCC (DoC)	Class A		
Memory	Supported DIMM Qty	(6) DIMM sockets	CE (DoC)		Yes	Operating Environment	Operating Temp.	10° C ~ 35° C (50° F ~ 95° F)
	DIMM Type / Speed	DDR3 800/1066/1333 RDIMM/UDIMM	RoHS	RoHS 6/6 Compliant	Yes		Non-operating Temp.	-40° C ~ 70° C (-40° F ~ 158° F)
	Capacity	Up to 32GB at launch w/ dual rank RDIMMs		In/Non-operating Humidity	90%, non-condensing at 35° C			
	Memory channel	2 Channels (2 Channels per CPU)	Expansion Slots	PCI-E	(1) PCI-E Gen.2 x16 slots (w/ x8 link)			
	Memory voltage	1.5V		Pre-installed TYAN Riser Card	M2091, PCI-E x16 1U riser card (left)			
LAN	Port Q'ty	(2)	Controller	Intel 82574L				
	Storage	SATA	Controller	Intel® 3420 PCH				
Speed			3.0 Gb/s					
RAID			RAID 0/1/10/5 (Intel® RST 9.5)					

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

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