

ENTRY 1U SERVER PLATFORM

GT14-B8005

B8005G14V2-LE



■ Front View



■ Back View



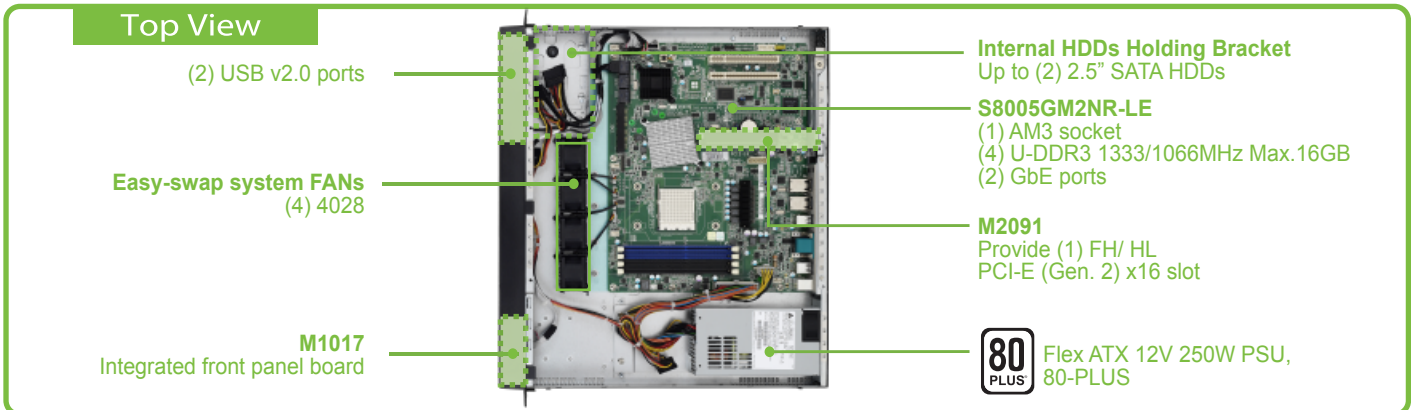
Entry 1U single-socket server implementation for IPDC and general SMB applications

- Single AM3 socket supports (1) AMD Opteron™ processor 1300 series (codenamed Suzuka)
- Support (1) HyperTransport™ 3.0 link, max. bandwidth up to 17.6 GB/s @ 4.4GT/s per link
- AMD SR5650 + SP5100
- (4) 240-pin DDR3 DIMM slots support up to 16GB U-DDR3 1333/1066/800MHz memory
- (1) FH PCI-E (Gen.2) x16 slot
- (2) GbE LAN
- (2) internal 2.5" SATA-II HDDs w/ RAID 0, 1 support
- Onboard BMC w/ IPMI and iKVM support
- (1) Flex ATX 12V high-efficiency 250W PSU w/ PFC



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System	Form Factor	1U Rackmount	
	Chassis Name	GT14	
	Dimension (H x W x D)	1.72" x 17.2" x 15.5" (43.6 x 436 x 393.7mm)	
	Motherboard	S8005GM2NR-LE	
Front Panel	Gross Weight	9.8 kg	
	Buttons	(1) PWR / (1) ID	
	LEDs	(1) Warning / (2) LAN / (1) HDD / (1) ID (1) PWR	
External Drive Bay	I/O Ports	(2) USB ports	
	Type / Q'ty	2.5" Internal / (2)	
System Cooling Configuration	Supported HDD Interface	SATA-II 3.0Gb/s	
	FAN	(4) 4cm fans	
Power Supply	Type	Flex ATX 12V	
	Input Range	Full-range AC(100-240V)	
	Frequency	47 - 63 Hertz	
	Output Watts	250 Watts	
	Efficiency	PFC / 80-plus	
Processor	Supported CPU Series	AMD Opteron™ processors 1300 series	
	Socket Type / Q'ty	AM3 / (1)	
	Average CPU Power (ACP) wattage	75W	
Chipset	System Bus	Support (1) HyperTransport™ 3.0 link, max. bandwidth up to 17.6 GB/s @ 4.4GT/s per link	
	Chipset	AMD SR5650 + SP5100	
Memory	Super I/O	Winbond W83627DHG	
	Supported DIMM Qty	(4) DIMM slots	
	DIMM Type / Speed	DDR3 1333/1066/800 UDIMM	
	Capacity	Up to 16GB RDIMM	
Expansion Slots	Memory channel	2 Channels	
	Memory voltage	1.5V	
	PCI-E	(1) FH PCI-E Gen.2 x16 slot	
LAN	Pre-installed TYAN Riser Card	M2091, PCI-E x16 1U riser card (left)	
	Port Q'ty	(2)	
Storage	Controller	Intel 82574L	
	SATA	Controller	AMD SP5100
		Speed	3.0 Gb/s
	RAID	RAID 0/1/10/5 (AMD/ 3rd Party RAID)	

Graphic	Connector type	D-Sub 15-pin
	Resolution	1600x1200@60Hz
	Chipset	Aspeed AST2050
Input /Output	USB	(7) USB2.0 ports (4 at rear, 2 at front, 1 type A onboard)
	COM	(1) DB-9 port
	PS/2	(1) PS/2 connector
	VGA	(1) D-Sub 15-pin VGA port
	RJ-45	(2) GbE ports
System Monitoring	Chipset	Winbond W83627DHG
	Voltage	Monitors voltage for CPU, memory, chipset & power supply
	Temperature	Monitors temperature for CPU & system environment
	LED (On system front)	Fan fail LED indicator Over temperature warning indicator
Server Management	Others	Watchdog timer support
	Onboard Chipset	Onboard Aspeed AST2050
	AST2050 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) BIOS update USB 2.0 virtual hub
BIOS	AST2050 iKVM Feature	24-bit high quality video compression Dual 10/100 Mb/s MAC interfaces
	Brand / ROM size	AMI / 4MB
Operating System	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 Multiple boot options
	OS supported list	Please refer to our 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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