

2U HIGH-DENSITY AND POWER-EFFICIENT PLATFORM



YR292-B5538

B5538Y292X4-080V4HR-HE



■ Front View



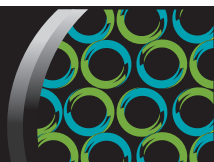
- Unified HDD bracket design
- Each bracket supports up to (4) hot-swap 2.5"

■ Back View



2U High-Density and Power-Efficient Platform for VHD/VDI Applications

- Single LGA1150 socket supports Intel® Xeon® (1) E3-1200 v3 series processors (per blade)
- Intel® C226 PCH (per blade)
- (4) DDR3 DIMM slots (per blade)
Supporting up to 32GB UDIMM ECC 1333/1066 memory
- (1) PCI-E Gen3 x16 slot (per blade)
- (4) hot-swap 2.5" SAS/SATA 6G HDDs (per blade)
- (2) GbE + (1) dedicated for IPMI (via Intel® I350-AM2 + via Intel® I210) (per blade)
- Onboard BMC w/ IPMI and iKVM support (per blade)
- (1+1) RPSU high-efficiency 800W 80 plus Platinum



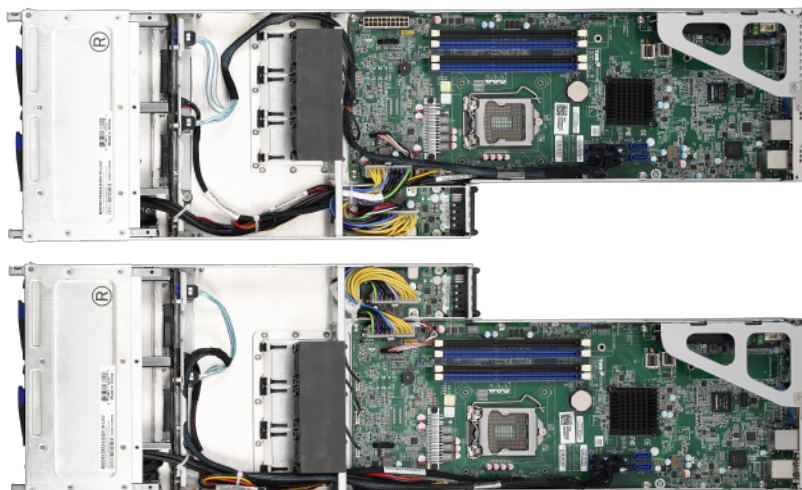
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Specifications

Top View



System	Form Factor	2U Rackmount
	Feature	Four nodes in one chassis
	Chassis Name	YR292
	Dimension (H x W x D)	28.74" x 17.32" x 1.72" (730 x 440 x 43.6mm)
	Motherboard	S5538GM3NR-HE
	Gross Weight	29KG
Front Panel (per blade)	Buttons	(1) RST / (1) PWR / (1) ID
	LEDs	(1) PWR / (1) BMC / (2) LAN / (1) HDD
	I/O Ports	(2) USB ports
External Drive Bay (per blade)	Type / Q'ty	2.5" Hot-Swap / (4)
	Supported HDD Interface	SATA-III 6.0Gb/s
System Cooling Configuration (per blade)	FAN	(3) 4cm fans
	Type	RPSU
Power Supply	Input Range	Full-range AC(100-240V) 240VDC support
	Output Watts	800 Watts
	Efficiency	PFC / 80-plus Platinum
	Redundancy	1+1
Processor (per blade)	Supported CPU Series	Intel Xeon E3-1200 v3 series processors
	Socket Type / Q'ty	LGA 1150/ (1)
	Thermal Design Power (TDP) wattage	Max up to 95W
Chipset (per blade)	Chipset	Intel C226
	Super I/O	-
Memory (per blade)	Supported DIMM Qty	(4) DIMM slots
	DIMM Type / Speed	DDR3/DDR3L 1066 / 1333 /1600 UDIMM ECC
	Capacity	Up to 32GB UDIMM ECC 1333/1066 memory
	Memory channel	2 Channels per CPU
Expansion Slots (per blade)	Memory voltage	1.5V
	PCI-E	(1) PCI-E Low-Profile Gen.3 x16 slot
LAN (per blade)	Port Q'ty	(2) GbE ports + (1) dedicated for IPMI
	Controller	Intel I350-AM2 / Intel I210

Storage (per blade)	SATA	Connector	(6) SATA
		Controller	Intel C226
		Speed	6.0 Gb/s
		RAID	RAID 0/1/10/5 (Intel RAID)
Graphic (per blade)	Connector type		D-Sub 15-pin
	Resolution		1600x1200
	Chipset		Aspeed AST2300
Input /Output (per blade)	USB		(4) ports (2 at front, 2 at rear)
	VGA		(1) D-Sub 15-pin VGA port
	RJ-45		(3) ports (1 dedicate port for IPMI)
System Monitoring (per blade)	Chipset		Aspeed AST2300
	Voltage		Monitors temperature for CPU & system environment
	LEDs		Fan fail LED indicator / Over temperature warning indicator
System Management (per blade)	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 / 10/100/1000 Mb/s MAC interface
BIOS (per blade)	Brand / ROM size		AMI / 16MB
	Feature		User-configurable H/W monitoring / ACPI 3.0 power management/PXE boot / ACPI sleeping states S3,S4,S5 / SMBIOS 2.8/PnP/Wake on LAN
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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