1U RACKMOUNT SERVER CHASSIS

1U Rackmount Server Chassis Black SuperServer with Intel processor, IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

Model: BRS1000-V1

SPECIFICATIONS:

Main Specifications	
Built-in Devices	Super X11SSH-F
Enclosure Color	Black
Form Factor	1U Rackmount - CSE-512F-350B1
Device Type	SuperServer
Dimensions (WxDxH)	Height 1.7" (43mm) x Width 17.2" (437mm) x Depth 14.4" (366mm)
Weight	Gross Weight: 16 lbs (7.3 kg) - Net Weight: 10.5 lbs (4.8 kg)
Processor	
Compatible processors	Intel Xeon processor E3-1200 v6/v5
	Intel 7th/6th Gen. Core i3 series
	CPU TDP up to 80W
Compatible Socket	Single Socket H4 (LGA 1151)
System Memory	
DIMM Sizes	16GB, 8GB, 4GB
Error Detection	Corrects single-bit errors, Detects double-bit errors (using ECC memory)
Memory Capacity	4x 288-pin DDR4 DIMM slots, Up to 64GB DDR4 ECC UDIMM
Memory Voltage	1.2 V
Memory Type	2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs
On-Board Devices	
IPMI	Support for Intelligent Platform Management Interface v.2.0
	IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
	ASPEED AST2400 BMC
SATA	SATA3 (6Gbps) via C236 controller, RAID 0, 1, 5, 10 support

Video	ASPEED AST2400 BMC
Chipset	Intel C236 chipset
Network Controllers	Dual Intel I210-AT Gigabit Ethernet LAN ports
	Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Input / Output	
SuperDOM	2x SuperDOM (Disk on Module) ports with built-in power
LAN	2x RJ45 Gigabit Ethernet LAN ports, 1x RJ45 Shared IPMI LAN port
SATA	2x SATA3 (6Gbps) ports
USB	2x USB 3.0 ports (rear), 2x USB 2.0 ports (rear)
Video	1x VGA port
Serial Port / Headers	1x COM ports (1 rear)
Front Panel	
Buttons	Power On/Off button, System Reset button
LEDs	Power LED, Hard drive activity LED, 2x Network activity LEDs, System Overheat LED, Information LED (temp., status)
Expansion / Connectivity	
Expansion Slots Total (Free)	1x PCI-E 3.0 x8 AOC slot
	1x M.2 connector
Drive Bays	
Fixed	2x 3.5" or 3x 2.5" (option) internal drive bays
System Cooling	
Fans	2x 4cm counter-rotating mid fans
Power Supply	
Certification	80PLUS Platinum Level
Power Supply	350W AC power supply w/ PFC
Power Supply	1x PWS-350-1H
System BIOS	
BIOS Features	DMI 2.3, PCI 2.3, ACPI 1.0 / 2.0, USB Keyboard support, SMBIOS 2.3
BIOS Type	8MB SPI Flash EEPROM with AMI BIOS
Operating Environment / Compliance	
RoHS	RoHS Compliant
Environmental Specifications	
Operating Temperature	Operating Temperature: 10°C to 35°C (50°F to 95°F)
	Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)
	Operating Relative Humidity: 8% to 90% (non-condensing)
	Non-operating Relative Humidity: 5% to 95% (non-condensing)