

SGI® Rackable™ Customizable Half-Depth Server

Specifications: CSB-4002A-7025-001

Product Numer	CSB-4002A-7025-001		
Chassis Profile	4U half-depth		
Processor	Supported CPU Series	Intel® Xeon® processors 5500/5600 series	
	Socket Type / Q'ty	LGA1366 / (2)	
	Thermal Design Power (TDP) wattage	130W	
	System Bus	Up to 4.8/ 5.86/ 6.4GT/s with Intel QuickPath Interconnect (QPI) support	
	Chipset	IOH / ICH	Intel® (2) 5520 / ICH10R
Memory	Super I/O	Windbond W83627DHG	
	Supported DIMM Qty	(8) DIMM sockets	
	DIMM Type / Speed	DDR3 800/1066/1333 RDIMM /UDIMM	
	Capacity	Up to 64GB	
	Memory Channel	6 Channels (3 Channels per CPU)	
Expansion Slots	PCI-E	(4) PCI-E Gen.2 x16 slots (1) PCI-E Gen.2 x8 slot (w/ x4 link) (1) PCI-E Gen.2 x4 slot	
	PCI	(1) PCI 32-bit slot	
LAN	Port Q'ty	(2)	
	Controller	Intel® 82574L	
Storage	SATA	Connector	(2) SATA
		Controller	ICH10R
		Speed	3.0 Gb/s
Graphic	Connector Type	D-Sub 15-pin	
	Resolution	1600x1200@60Hz	
	Chipset	Aspeed AST2050	
GPU	(2) NVIDIA Tesla M2070 Computing Processor		

System Monitoring	Chipset	Winbond W83793G
	Voltage	Monitors voltage for CPU, memory, chipset & power supply
	Fan	Total (7) 4-pin headers
	Temperature	Monitors temperature for CPU & system environment
	Others	Chassis intrusion detection Watchdog timer support
Server Management	Onboard Chipset	Onboard Aspeed AST2050
	AST2050 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) Supports storage over IP and remote platform flash 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
Chassis Mount	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
	Feature	
Dimensions (HxWxD)	6.9"(8.89cm) x 17.6"(44.7cm) x 15.5"(39.37cm)	
Power Supply	770W redundant 1 +1 auto-switching 100-240 VAC (50-60 Hz)	

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