SYS-SR2000R2M8495

Intel[®] 4th Generation Core[™] i7/5/3 Processor H81 Chipset Based 2U Rack Mount System with 8x USB/2x COM Ports/HDMI/DVI/Dual Gigabit LAN







FEATURES

- Intel[®] 4th Generation Core[™] i7/5/3 Processor in Socket 1150
- Two 240-pin DIMM sockets Dual-channel DDR3 1066/1333/1600 SDRAM. Max. up to 16 GB memory
- Intel[®] H81 Express chipset
- Intel[®] I210 & I217LM on board for Dual GbE LAN
- Integrated Intel[®] HD Graphics with VGA/DVI-I connectors
- RealTek® ALC886 5.1 Channel High Definition Audio chip on-board
- Multi I/O: 8 x USB ports, 2 x COM ports, 2 x SATA3.0, 2 x SATA2.0
- Expansion Slot: 1 PCIe x16, 1 PCIe x4 (x1 signal), 1 PCIe x1, 4 PCI, 1 Mini PCIe

Introduction

SYS-SR2000R2M8495 Industrial 2U Rack Mount System is based on Intel[®] 4th Generation Core™ i7/5/3 Processor & Intel[®] H81 Chipset. SYS-SR2000R2M8495 comes equipped with 8 x USB Ports, 2x COM Ports, Dual Gigabit Ethernet & Dual Display Output (DVI & HDMI). This is an excellent cost efficient and best expandability system with providing up to 4 PCI, 1 PCIe x16 and 1 PCIe x4 slots.

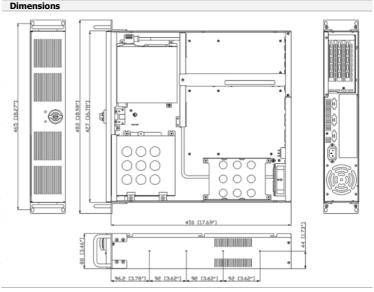
SYS-SR2000R2M8495 is very 2U Rack Mount System and is ideally suited for highperformance systems for industrial control and Automation.

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System	
Processor	• LGA 1150 socket for: - 4th Generation Intel® Core™ processors (22nm process technology) : Intel® Core™ i3-4330 (3M Cache, 3.5 GHz); 54W : Intel® Core™ i3-4330TE (3M Cache, up to 2.4 GHz); 35W : Intel® Pentium™ G3420 (3M Cache, 3.2 GHz); 54W : Intel® Pentium™ G3320TE (3M Cache, 2.3 GHz); 35W
BIOS	AMI BIOS - 64Mbit SPI BIOS
System Memory	Two 240-pin DDR3/DDR3L DIMM sockets Supports DDR3/DDR3L 1333/1600MHz Supports dual channel memory interface Supports up to 16GB system memory DRAM device technologies: 1Gb, 2Gb and 4Gb DDR3 DRAM technologies are supported for x8 and x16 devices, unbuffered, non-ECC
Chipset	Intel® H81 Express Chipset
Video	Intel® HD Graphics Display ports: HDMI and DVI-I DVI-I supports up to 1920x1200 @ 60Hz resolution HDMI supports up to 4096x2304 @ 24Hz resolution or 2560x1600 @ 60Hz resolution VGA display resolution up to 1920x1200 pixels with 24-bit color @ 60Hz Supports 6 Graphics Execution Units (EUs) Intel® Clear Video Technology DirectX Video Acceleration (DXVA) support for accelerating video processing
Ethernet	Intel® I210 PCI Express Gigabit Ethernet controller Intel® I217LM with iAMT9.0 Gigabit Ethernet Phy Integrated 10/100/1000 transceiver Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
On Board I/O	1x Connector for PS/2 Mouse/Keyboard 2 x Serial ports (2x RS-232/422/485 selectable) 2 SATA 3.0 ports with data transfer rate up to 6Gb/s 2 SATA 2.0 ports with data transfer rate up to 3Gb/s Integrated Advanced Host Controller Interface (AHCI) controller 8 USB: 2 USB 3.0, 6 USB 2.0 ports 1x 8 bit Digital I/O
Watchdog Timer	 Programmable watchdog timer for 1~255 seconds.
CMOS	On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	Realtek® ALC886 5.1-channel High Definition Audio Audio outputs: Mic-in/Center+Subwoofer, line-in/surround and line-out S/PDIF audio interface
Power	 One 24pins power connector for system power. One ATX-12V 8-pins connector for CPU power. Support both AT and ATX mode.
CII	One CDU and the FAN annual to the CDU and the

One CPU cooling FAN connector nearby CPU socket

Mechanical & Environment			
Drive bays	Totally 5 drive bay:		
	2x 5.25" CD and 2 x 3.5" HDD bay		
	drive bay equipped with anti-vibration function		
Front Panel	Two USB 2.0 ports at front bezel		
Motherboard	ATX, uATX, Mini ITX Motherboards		
Fan	• 1 x 80 mm, 2 x 60mm		
Riser	3x PCI riser card or 2x PCI + 1x PCIex16 riser card		
Power Supply	Industrial 400W/500W Auto Ranging Power Supply		
Color	Beige/Black		
Dimension	• 483 x 462 x 88 mm		
Weight	• N.W: 8.0KGS G.W:10.0KGS		
Operating Temperature	• 0°~60°C		
Storage Temperature	• -40°~70°C		
Relative Humidity	• 5~95%, non-condensing		
Storage Humidity	• 5% ~ 95%		
Altitude	• 10,000 Feet (3000 m)		
Vibration (Operating)	• 1.5G Max		
Shock	10G peak acceleration (10Msec duration)		
Ordering Information			
SYS-SR2000R2M8495-C1	Intel® 4 th Generation Core™ i7/5/3 Processor H81 Chipset		
	Based 2U Rack Mount System with 8x USB/2x COM		
	Ports/HDMI/DVI/Dual Gigabit LAN (Black)		
Optional			
TC-400PA	Industrial 400W PS/2 Auto Ranging Power Supply		
TC-500PA	Industrial 500W PS/2 Auto Ranging Power Supply		
Riser-321	2x PCI + 1x PCIex16 riser card		
Riser-320	3x PCI riser card		



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Cooling