SYS-SR2000R2M8501

Intel[®] Xeon[®]/Core[™] i7/i5/i3 6th Generation Processor Based 2U Rack Mount System with 14x USB/ 6x COM Ports/ VGA/ DVI/ HDMI/ Dual







FEATURES

Riser-321

- Intel[®] 6th Generation Xeon[®]/Core[™] i7/5/3 Processor in Socket 1151
- Four 288pin DIMM Dual-channel DDR4 1866/2133MHz (ECC) up to 64GB Intel[®] C236 chipset
- Intel[®] i210AT & I219LM on board for Dual Gigabit Ethernet
- Integrated Intel[®] HD Graphics with VGA//DVI/HDMI
- connectors
- Realtek[®] ALC888S High Definition Audio chip on-board
- Multi I/O: 14 x USB, 6 x COM ports, 6 x SATA,
- Expansion Slot: 2 x PCIe x16 (1 x16 or 2 x8 signal) (Gen 3) 2 x PCIe x4 (Gen 3), 3 x PCI

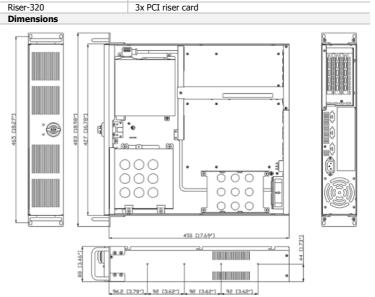
Introduction

SYS-SR2000R2M8501 Industrial 2U Rack Mount System is based on Intel® 6th Generation Core™ i7/5/3 Processor & Intel® C236 Chipset. SYS-SR2000R2M8501 comes equipped with 14 x USB Ports, 6x COM Ports, Dual Gigabit Ethernet & Triple Display Output (VGA, DVI & HDMI). This is an excellent cost efficient and best expandability system with providing up to 2 x PCIe x16 (1 x16 or 2 x8 signal) (Gen 3), 2 x PCIe x4 (Gen 3), 3 x PCI.

SYS-SR2000R2M8501 is very 2U Rack Mount System and is ideally suited for highperformance systems for industrial control and Automation. Specification

System	
Processor	 6th Gen Intel® Core[™] Processors LGA 1151 socket for: Intel[®] Xeon® Processor E3-1275 v5, 3.6GHz (4.0GHz), 80W Intel[®] Core[™] i7-6700 Processor, 3.4GHz (4.0GHz), 65W Intel[®] Core[™] i5-6500 Processor, 3.2GHz (3.6GHz), 65W Intel[®] Core[™] i3-6100 Processor, 3.7GHz, 65W Intel[®] Pentium[®] Processor G4400, 3.3GHz, 65W
BIOS	Insyde SPI 128Mbit
System Memory	Four 288pin DIMM Dual-channel DDR4 1866/2133MHz (ECC) up to 64GB
Chipset	• Intel [®] C236 Express chipset.
Video	 Intel[®] HD Gen 9 Graphics 1 x VGA, 1 x DVI-I (DVI-D signal), 1 x HDMI on rear I/O. Support up to triple independent display with CPU.
Ethernet	• 1 x Intel [®] I210AT PCIe (10/100/1000Mbps), 1 x Intel [®]
	I219LM PCIe with iAMT11.0 (10/100/1000Mbps) (only Core i7/i5 supports iAMT)
On Board I/O	 1x Connector for PS/2 Mouse/Keyboard 6x Serial ports (2x RS-232/422/485 selectable) 6 Serial ATA ports 6 SATA 3.0 ports with data transfer rate up to 6Gb/s Supports RAID 0/1/5/10 14 USB: 6 USB 3.0 (4 x rear; 2 x Header), 8 USB 2.0 ports (2 x rear; 6 x Header) 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 ALC888S-VD2-GR high-definition audio chip on-board. Support 1 x Line-out, 1 x Mic-in, SPDIF
Power	 One 24pins power connector for system power. One ATX-12V 4-pins connector for CPU power. Support both AT and ATX mode.
Cooling	One CPU cooling FAN connector nearby CPU socket Three system fan connectors for system cooling

Mechanical & Environme	nt
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	
SR2000R2M8501-C1	Intel® Xeon [®] /Core [™] i7/i5/i3 6th Generation Processor
	Based 2U Rack Mount System with 14x USB/6x COM Ports/
	VGA/ DVI/ HDMI/ 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



2x PCI + 1x PCIex16 riser card

SINETIC Technologies Inc, reserves the right to change or update without notice, any information contained herein; to change without notice, the design construction, materials, processing or specifications of any products and to discontinue or limit production or distribution of any products. © SINETIC Technologies Inc. All rights reserved. SYS-SR2000R2M8501 Rev 1.1 Dated 201601