SYS-SR2000R2M8502

FEATURES

- Intel® 6th Generation Core™ i7/5/3 Processor in Socket 1151
- Four 288pin DIMM Dual-channel DDR4 1866/2133MHz up to 64GB
- Intel® Q170 Express 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-SR2000R2M8502 Industrial 2U Rack Mount System is based on Intel® 6th Generation Core™ i7/5/3 Processor & Intel® Q170 Chipset. SYS-SR2000R2M8502 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-SR2000R2M8502 is very 2U Rack Mount System and is ideally suited for high-performance systems for industrial control and Automation.

Specification

System

Processor	• 6th Gen Intel® Core™ Processors LGA 1151 socket for: 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 up to 64GB
Chipset	• Intel® Q170 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) • 8bit 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 & Environment

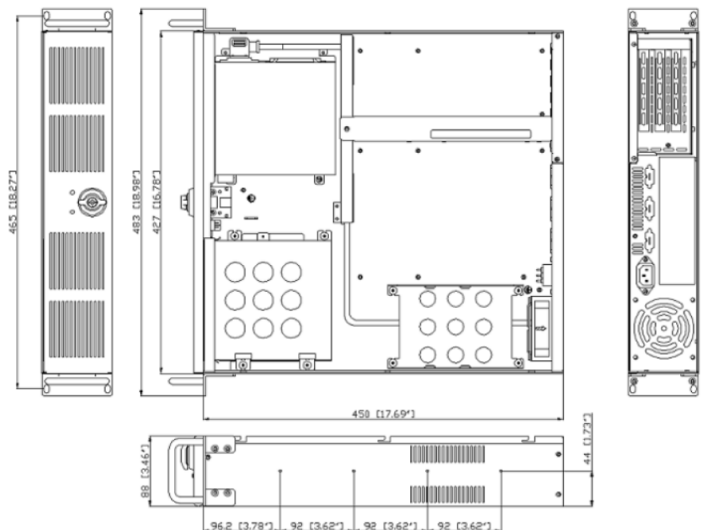|	
Drive bays	• Totally 5 drive bay: 2x 5.25" CD and 2 x 3.5" HDD bay drive bay equipped with anti-vibration function
Front Panel	• Two USB 2.0 ports at front bezel
Motherboard	• ATX, uATX, Mini ITX Motherboards
Fan	• 1 x 80 mm, 2 x 60mm
Riser	• 3x PCI riser card or 2x PCI + 1x PCIex16 riser card
Power 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

SR2000R2M8502-C1	Intel® 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
Riser-321	2x PCI + 1x PCIex16 riser card
Riser-320	3x PCI riser card

Dimensions

* All Specifications are subjected to change without prior notice.