SYS-SR2000R2S8483

RoHS Compliance

CE FC

FEATURES

- Intel® 3rd/2nd Generation Core™ i7/i5/i3 & Pentium Processor in Socket 1155
- 2 x DDR3 DIMM sockets Dual-channel 1066/1333Mhz SDRAM. Max. up to 16GB memory
- Intel® Q77 Chipset
- Embedded Dual Intel® GbE LAN
- Intel® HD Graphics
- RealTek® ALC888 Audio chip on-board
- Multi I/O: 4 x USB3.0, 4 x USB2.0, 6 x COM ports, 4 x SATA2.0, 2x SATA3.0 and 1x LPT
- Expansion: 2x Mini PCIe, Optional IP13-6VP5, IP13-6VP3 Backplanes

Introduction

SYS-SR2000R2S8483 Industrial 2U Rack Mount System is based on Intel® 3rd/2nd Generation Core™ i7/i5/i3 & Intel® Q77 Chipset. SYS-SR2000R2S8483 comes equipped with 8 x USB Ports, 6x COM Ports, Dual Gigabit Ethernet & VGA output. This is an excellent cost efficient and best expandability system with providing multiple choice of PICMG 1.3 Backplanes.
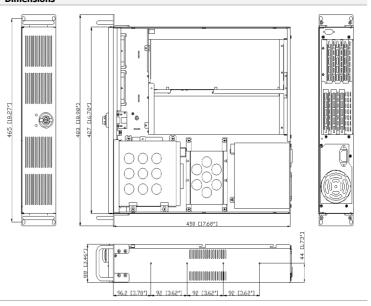
SYS-SR2000R2S8483 is very 2U Rack Mount System and is ideally suited for high-performance systems for industrial control and Automation.

Specification

System

Processor	• Intel® 3rd/2nd Generation Core™ i7/i5/i3 & Intel® Pentium Processor in Socket 1155 • LGA 1155 socket
BIOS	• Pheonix Secure core
System Memory	• 2 x DDR3 DIMM sockets Dual-channel DDR3 1066/1333 Mhz SDRAM. Max. up to 16 GB memory
Chipset	• Intel® Q77 Express
Video	• Integrated Intel® HD graphic technology • Onboard 26-pin DVI interface
Ethernet	• Intel® 82574L & Intel® 82579LM • Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	• 6 x Serial ports (One RS-232/422/485 selectable) • 1 x Keyboard/mouse • 2 x SATA3.0 interface up to 600MB/s, 4x SATA 2.0 interface up to 300MB/s • Support RAID 0, 1, 5, 10 • Intel® Rapid Storage Technology • 4x USB 3.0, 4x USB 2.0 Ports
Expansion	• 2x Mini-PCIE expansion slots & 1 x SIM socket
Watchdog Timer	• Programmable watchdog timer for 1~255 seconds.
CMOS	• On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	• RealTek® ALC888 High-Definition Audio chip on-board. • Support Line-OUT, Line-IN, MIC, SPDIF, CD-IN and Surrounding sounds with pin-headers
Power	• One 8-pins power connector for system power. • One ATX-12V 8-pins connector for CPU power. • Support both AT and ATX mode.
Cooling	• One CPU cooling FAN connector nearby CPU socket • One system cooling FAN connectors for chassis or power supply cooling.

Mechanical & Environment

Drive bays	• Totally 4 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	• PICMG 1.3 Single Board Computer
Fan	• 2x 80mm Fan for Backplane
Power Supply	• Industrial 400W/500W Auto Ranging Power Supply

Expansion	• IP13-6VP5 - 6-slot PICMG 1.3 Backplane
	  PICMG 1.3 x 1, PCI x5
	• IP13-6VP3 - 6-slot PICMG 1.3 Backplane
	  PICMG 1.3 x 1, PCIe x16 x 1, PCI x 3

Color	• Black
Dimension	• 482.9 x 177 x 462mm
Weight	• N.W: 7.9 KGS G.W:9.7KGS
Operating Temperature	• 0º~60ºC
Storage Temperature	• -40º~70ºC
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-SR2000R2S8483-C1	PICMG 1.3 Intel® 3rd/2nd Generation Core™ i7/i5/i3 Processor Based 2U Rack Mount System with 4x USB 3.0/4x USB 2.0/6x COM Ports/VGA/DVI/Dual Gigabit LAN (Black)

Optional

IP13-6VP5	6-slot PICMG 1.3 Backplane (PICMG 1.3 x 1, PCI x5)
IP13-6VP3	6-slot PICMG 1.3 Backplane (PICMG 1.3 x 1, PCIe x16 x 1, PCI x 3)
TC-400PA	Industrial 400W PS/2 Auto Ranging Power Supply
TC-500PA	Industrial 500W PS/2 Auto Ranging Power Supply

Dimensions

* All Specifications are subjected to change without prior notice.