SYS-SR2000R2S8484

FEATURES

- Intel® 3rd/2nd Generation Core™ Xeon E3/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
- 2x Mini-PCIE expansion slots and supports mSATA Module Jumper selectable
- Multi I/O: 4 x USB3.0, 6 x USB2.0, 4 x COM ports, 4 x SATA2.0, 2x SATA3.0 and 1x LPT
- Expansion Slot: Optional BP-6VP4 Backplane

Introduction

SYS-SR2000R2S8484 Industrial 2U Rack Mount System is based on Intel® 3rd/2nd Generation Core™ Xeon E3/i7/i5/i3 & Pentium Processor & Intel® Q77 Chipset. SYS-SR2000R2S8484 comes equipped with 10 x USB Ports, 4x COM Ports, Dual Gigabit Ethernet & VGA output. This is an excellent cost efficient and best expandability system with providing multiple choice of PICMG 1.0 Backplanes.

SYS-SR2000R2S8484 is very 2U Rack Mount System and is ideally suited for high-performance systems for industrial control and Automation.

Specification

System

Processor	• Intel® Core™ Xeon E3/i7/i5/i3/Pentium®/ Celeron® processor. • LGA1155 socket.
BIOS	• Insyde uEFI BIOS. • 64Mbit FlashROM with DOS and Windows update utility support.
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	• Intel® Core™ i processors integrated Graphics Engine. • One D-Sub connector on bracket for CRT display. • One 20-pins connector for HDMI/DVI displays. • One 20-pins connector for DisplayPort display. • One 40-pins connector to support up to Dual-24bits LVDS LCD
Ethernet	• Intel® 82579LM and Intel® 82574L dual gigabit ethernet controllers with Dual RJ45 on bracket. • Support Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	• Four serial ports as COM1~COM4. COM1 is RS232/422/485 selectable by jumper with auto-flow control. • One Parallel port supports SPP/ECP/EPP mode. • One Floppy connector for up to two drives. • Two SATA-III and four SATA-II ports support IDE, AHCI, RAID0, RAID 1, RAID 5, and RAID10 mode. • Support four USB3.0 ports. • Support six USB2.0 ports.
Expansion	• Two Mini-PCIE sockets. • One supports Mini-PCIE or mSATA module, selectable by jumper.
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 4-pins 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 • 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 1.0 Single Board Computer
Fan	• 2x 80mm Fan for Backplane
Power Supply	• Industrial 400W/500W Auto Ranging Power Supply
Expansion	• BP-6VP4 - 6-slot PICMG 1.0 Backplane (PICMG 1.0 x 1, PCI x 4)

Color	• Black
Dimension	• 482.9 x 177 x 462mm
Weight	• N.W: 7.9KGS G.W:9.7KGS
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-SR2000R2S8484-C1	PICMG 1.0 3rd/2nd Generation Intel® Core™ Xeon® E3/i7/i5/i3 Processor Based 2U Rack Mount System with 4x USB 3.0/6x USB 2.0/4x COM Ports/VGA/ Dual Gigabit LAN (Black)

Optional

BP-6VP4	6-slot PCIMG 1.0 Backplane (PICMG 1.0 x 1, PCI x 4)
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.