

SYS-SR2000R2S8485

PICMG 1.3 4th Generation Intel® Core™ i7/i5/i3 Processor Based 2U Rack Mount System with 4x USB 3.0/6x USB 2.0/6x COM Ports/VGA /DVI / Dual Gigabit LAN



Introduction

SYS-SR2000R2S8485 Industrial 2U Rack Mount System is based on Intel® 4th Generation Core™ i7/i5/i3 & Intel® Q87 Chipset. SYS-SR2000R2S8485 comes equipped with 10 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-SR2000R2S8485 is very 2U Rack Mount System and is ideally suited for high-performance systems for industrial control and Automation.

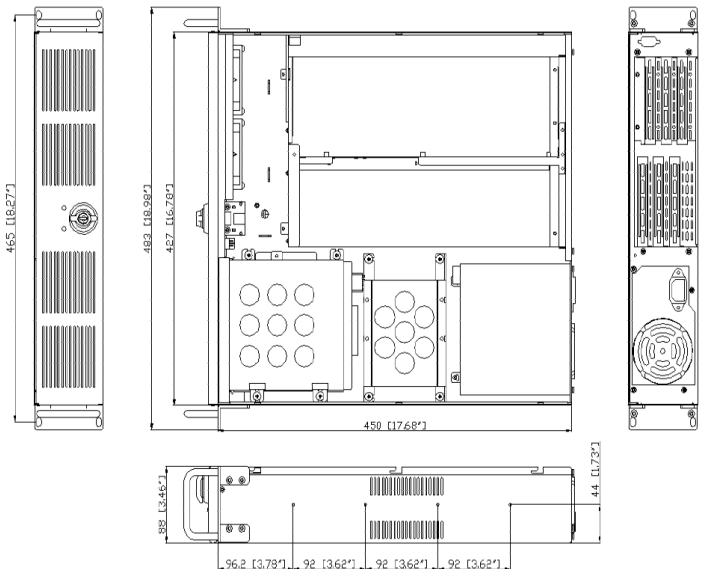
Specification

| System | |
|--------------------------|--|
| Processor | • Intel® Core™ i7/i5/i3/Pentium®/ Celeron® processor. • LGA1150 socket. |
| BIOS | • Phoenix® Securecore Tiano |
| System Memory | • 2 x DDR3 DIMM sockets Dual-channel DDR3 1066/1333 Mhz SDRAM. Max. up to 16 GB memory |
| Chipset | • Intel® Q87 Express Chipset |
| Video | • Intel® HD Graphics • Display ports: VGA/DVI-I/Displayport/LVDS • DVI-I supports up to 1920x1200 @ 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 | • Six serial ports as COM1~COM6. COM1 is RS232/422/485 selectable by jumper with auto-flow control. • One Parallel port • One IrDA Port • Four SATA-III ports support IDE, AHCI, RAID 0, 1,5,10 • Support four USB3.0 ports. • Support six USB2.0 ports. |
| Expansion | • One Mini-PCI-E socket. |
| Extended Interface | • 1 PCI-Express x16 and 1 PCI-Express x4 or 4 PCI-Express x1, 4 PCI |
| 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 1.3 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 |

FEATURES

- 4th Generation Intel® Core™ i7/i5/i3 & Pentium Processor in Socket 1150
- Dual DDR3/DDR3L 1333/1600 DIMM up to 16 GB
- Intel® Q87 Chipset
- Intel® I210 & Intel® I210LM Dual Gigabit Ethernet Controller
- Integrated Intel® HD Graphics with VGA/DVI-/ DisplayPort/ LVDS connectors
- Realtek® ALC888 Audio chip on-board
- Multi I/O: 4 x USB3.0, 6 x USB2.0, 6 x COM ports, 4 SATA3.0 and 1x LPT
- Expansion: 1x Mini PCIe, Optional IP13-6VP5, IP13-6VP3 Backplanes

| Color | • Black |
|-----------------------|---|
| Dimension | • 482.9 x 177 x 462mm |
| Weight | • N.W: 7.9 KGS 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-SR2000R2S8485-C1 | PICMG 1.3 4 th Generation Intel® Core™ i7/i5/i3 Processor Based 2U Rack Mount System with 4x USB 3.0/6x 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 | |



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-SR2000R2S8485 Rev 1.1 Dated 201611