

SYS-SR2000R2S8478

PICMG 1.3 Intel® Core™ 2 Quad/Duo Processor Based 2U Rack Mount System with 6x USB 2.0 /2x COM Ports/ VGA / Dual Gigabit LAN



FEATURES

- Intel® Core™ 2 Quad/Core™ 2 Duo/Pentium® Dual Core™/Celeron® 400 Processor in Socket 775
- 2 x 240-pin DIMM sockets Dual-channel DDR2 667/800 SDRAM. Max. up to 4 GB memory
- Intel® Q35 + ICH9DO, 1333/1066/800 MHz FSB
- Two Realtek® RTL8111C on board for Dual GbE LAN
- Integrated Intel® Q35 GMA 3100 Graphics
- Realtek® ALC888 Audio chip on-board
- Multi I/O: 6 x USB2.0, 2 x COM ports, 6 x SATA, 1 x IRDA, 1x PIDE, 1xFDD, 1x LPT
- Expansion: Optional IP13-6VP5, IP13-6VP3 Backplanes

Introduction

SYS-SR2000R2S8478 Industrial 2U Rack Mount System is based on Intel® Core™ 2 Quad/Duo Processor & Intel® Q35 Chipset. SYS-SR2000R2S8478 comes equipped with 6 x USB Ports, 2x 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-SR2000R2S8478 is very 2U Rack Mount System and is ideally suited for high-performance systems for industrial control and Automation.

Specification

System	
Processor	<ul style="list-style-type: none"> Intel® Core™ 2 Quad - Q9000, Q6000 Series Intel® Core™ 2 Duo - E8000, E6000, E5000, E4000 Series Intel® Pentium® Dual Core™ - E2000 Series Intel® Celeron® 400 Series LGA 775 Package
BIOS	<ul style="list-style-type: none"> Award Standard PnP Flash BIOS 6.0. 8Mbit FlashROM with BootBlock for Fail-safe.
System Memory	<ul style="list-style-type: none"> 2 x 240-pin DIMM sockets Dual-channel DDR2 667/800 SDRAM. Max. up to 4 GB memory
Chipset	<ul style="list-style-type: none"> Intel® Q35 + ICH9DO
Video	<ul style="list-style-type: none"> Intel Q35 Integrated GMA3100 Graphic Engine. Support DVMT 4.0 for memory allocation up to 256MB. One D-Sub connector on rear panel for CRT display. One 20-pins connector for DVI displays. One 40-pins connector to support up to Dual-24bits LVDS LCD
Ethernet	<ul style="list-style-type: none"> Two Realtek RT8111C on board for Dual GbE LAN. Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	<ul style="list-style-type: none"> Onboard Winbond 83627HF LPC I/F Super I/O chip 1x IrDA 1 x Floppy connector 1 x Parallel port on 25-pin D-type 2 x Serial ports (One RS-232/422/485 selectable) 1 x Keyboard/mouse 1x PIDE 40-pins connector support two devices and up to ATA133 speed 6x SATA-II ports support RAID0, RAID 1, RAID 5, and RAID10. 6x USB 2.0 Ports
Watchdog Timer	<ul style="list-style-type: none"> Programmable watchdog timer for 1~255 seconds.
CMOS	<ul style="list-style-type: none"> On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	<ul style="list-style-type: none"> RealTek ALC888 High-Definition Audio chip on-board. Support Line-OUT, Line-IN, MIC, SPDIF, CD-IN and Surrounding sounds with pin-headers
Power	<ul style="list-style-type: none"> One 4-pins power connector for system power. One ATX-12V 4-pins connector for CPU power. Support both AT and ATX mode.
Cooling	<ul style="list-style-type: none"> One CPU cooling FAN connector nearby CPU socket One system cooling FAN connectors for chassis or power supply cooling.
Mechanical & Environment	
Drive bays	<ul style="list-style-type: none"> Totally 4 drive bay: 2x 5.25" CD and 2 x 3.5" HDD bay drive bay equipped with anti-vibration function
Front Panel	<ul style="list-style-type: none"> Two USB 2.0 ports at front bezel
Motherboard	<ul style="list-style-type: none"> PICMG 1.3 Single Board Computer
Fan	<ul style="list-style-type: none"> 2x 80mm Fan for Backplane
Power Supply	<ul style="list-style-type: none"> Industrial 400W/500W Auto Ranging Power Supply
Expansion	<ul style="list-style-type: none"> 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 x3

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-SR2000R2S8478-C1	PICMG 1.3 Intel® Core™ 2 Quad/Duo Processor Based 2U Rack Mount System with 6x USB 2.0 /2x COM Ports/ VGA / 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 x3)
TC-400PA	Industrial 400W PS/2 Auto Ranging Power Supply
TC-500PA	Industrial 500W PS/2 Auto Ranging Power Supply
Dimensions	

