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.

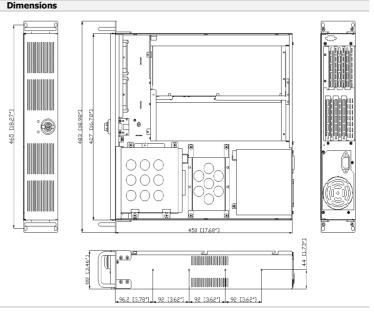
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System

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Processor	 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	Award Standard PnP Flash BIOS 6.0. MBhit FlashROM with BootBlock for Fail-safe.	
System Memory	• 2 x 240-pin DIMM sockets Dual-channel DDR2 667/800 SDRAM. Max. up to 4 GB memory	
Chipset	Intel® Q35 + ICH9DO	
Video	 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	Two Realtek RT8111C on board for Dual GbE LAN. Wake-on-LAN, Remote Boot with PXE and RTL.	
On Board I/O	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 1 x PIDE 40-pins connector support two devices and up to ATA133 speed 6 x SATA-II ports support RAID0, RAID 1, RAID 5, and RAID10. 6 k USB 2.0 Ports	
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 & Envir	onment	
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 ID13-6VP3 - 6-slot PICMG 1.3 Backplane	

• 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	• 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 x 3)	
TC-400PA	Industrial 400W PS/2 Auto Ranging Power Supply	
TC-500PA	Industrial 500W PS/2 Auto Ranging Power Supply	
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