

SYS-SR570S8478

PICMG 1.3 Intel® Core™ 2 Quad/Duo Processor Based 4U 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 IP13-14P10, IP13-14x8441 Backplanes

Introduction

SYS-SR570S8478 Industrial 4U Rack Mount System is based on Intel® Core™ 2 Quad/Duo Processor & Intel® Q35 Chipset. SYS-SR570S8478 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-SR570S8478 is very 4U Rack Mount System and is ideally suited for high-performance systems for industrial control and Automation.

Specification

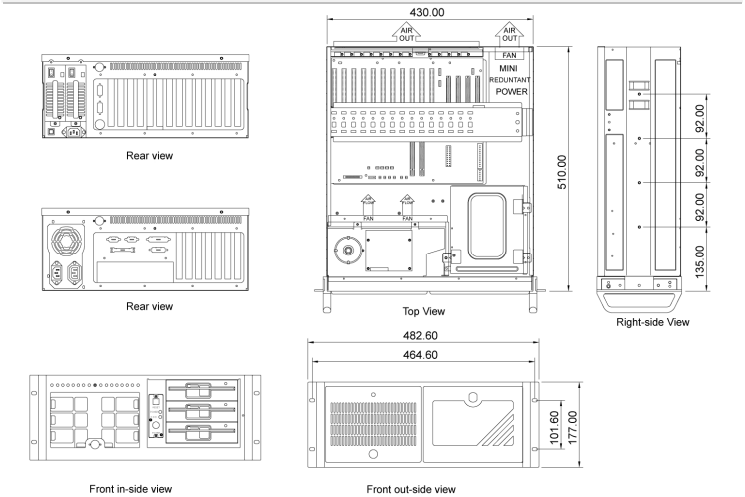
System	
Processor	<ul style="list-style-type: none"> • Intel® Core™ 2 Quad - Q9000, Q6000 Series • Intel® Core™ 2 Duo - E8000, E6000, E5000, E4000 Series • Intel® Pentium® Dual Core™ - E2000 Series • Intel® Celeron® 400 Series • LGA 775 Package
BIOS	<ul style="list-style-type: none"> • Award Standard 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 5 drive bay: 3x 5.25" CD and 1 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"> • 1x 120mm 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"> • IP13-14P10 - 14-slot PICMG 1.3 Backplane • PICMG 1.3 x 1, PCIe 16 x 1, PCIe 1 x 4, PCI x10 • IP13-14x8441 - 14-slot PICMG 1.3 Backplane • PICMG 1.3 x 1, PCIe 4 x 8, PCIe 1 x 4

Color	• Beige/Black
Dimension	• 482.9 x 177 x 510mm
Weight	• N.W: 21KGS G.W:23KGS
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-SR570S8478-C0	PICMG 1.3 Intel® Core™ 2 Quad/Duo Processor Based 4U Rack Mount System with 6x USB 2.0 /2x COM Ports/ VGA / Dual Gigabit LAN (Beige)
SYS-SR570S8478-C1	PICMG 1.3 Intel® Core™ 2 Quad/Duo Processor Based 4U Rack Mount System with 6x USB 2.0 /2x COM Ports/ VGA / Dual Gigabit LAN (Black)
Optional	
IP13-14P10	14-slot PICMG 1.3 Backplane PICMG 1.3 x 1, PCIe 16 x 1, PCIe 1 x 4, PCI x10
IP13-14x8441	IP13-14x8441 - 14-slot PICMG 1.3 Backplane PICMG 1.3 x 1, PCIe 4 x 8, PCIe 1 x 4

Dimensions



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