

# SYS-SR567R3S8483

## PICMG 1.3 Intel® 3<sup>rd</sup>/2<sup>nd</sup> Generation Core™ i7/i5/i3 Processor Based 4U Rack Mount System with 4x USB 3.0/4x USB 2.0/6x COM Ports/VGA/DVI/Dual Gigabit LAN



### Introduction

SYS-SR567R3S8483 Industrial 4U Rack Mount System is based on Intel® 3rd/2nd Generation Core™ i7/i5/i3 & Intel® Q77 Chipset. SYS-SR567R3S8483 comes equipped with 8 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-SR567R3S8483 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"> <li>Intel® 3rd/2nd Generation Core™ i7/i5/i3 &amp; Intel® Pentium Processor in Socket 1155</li> <li>LGA 1155 socket</li> </ul>
BIOS	<ul style="list-style-type: none"> <li>Pheonix Secure core</li> </ul>
System Memory	<ul style="list-style-type: none"> <li>2 x DDR3 DIMM sockets Dual-channel DDR3 1066/1333 Mhz SDRAM. Max. up to 16 GB memory</li> </ul>
Chipset	<ul style="list-style-type: none"> <li>Intel® Q77 Express</li> </ul>
Video	<ul style="list-style-type: none"> <li>Integrated Intel® HD graphic technology</li> <li>Onboard 26-pin DVI interface</li> </ul>
Ethernet	<ul style="list-style-type: none"> <li>Intel® 82574L &amp; Intel® 82579LM</li> <li>Wake-on-LAN, Remote Boot with PXE and RTL.</li> </ul>
On Board I/O	<ul style="list-style-type: none"> <li>6 x Serial ports (One RS-232/422/485 selectable )</li> <li>1 x Keyboard/mouse</li> <li>2 x SATA3.0 interface up to 600MB/s, 4x SATA 2.0 interface up to 300MB/s</li> <li>Support RAID 0, 1, 5, 10</li> <li>Intel® Rapid Storage Technology</li> <li>4x USB 3.0, 4x USB 2.0 Ports</li> </ul>
Expansion	<ul style="list-style-type: none"> <li>2x Mini-PCIe expansion slots &amp; 1 x SIM socket</li> </ul>
Watchdog Timer	<ul style="list-style-type: none"> <li>Programmable watchdog timer for 1~255 seconds.</li> </ul>
CMOS	<ul style="list-style-type: none"> <li>On-board RTC with 242 bytes of Battery-back CMOS RAM.</li> </ul>
Audio	<ul style="list-style-type: none"> <li>RealTek® ALC888 High-Definition Audio chip on-board.</li> <li>Support Line-OUT, Line-IN, MIC, SPDIF, CD-IN and Surrounding sounds with pin-headers</li> </ul>
Power	<ul style="list-style-type: none"> <li>One 8-pins power connector for system power.</li> <li>One ATX-12V 8-pins connector for CPU power.</li> <li>Support both AT and ATX mode.</li> </ul>
Cooling	<ul style="list-style-type: none"> <li>One CPU cooling FAN connector nearby CPU socket</li> <li>One system cooling FAN connectors for chassis or power supply cooling.</li> </ul>
Mechanical & Environment	
Drive bays	<ul style="list-style-type: none"> <li>Totally 5 drive bay: 3x 5.25" CD and 1 x 3.5" HDD bay drive bay equipped with anti-vibration function</li> </ul>
Front Panel	<ul style="list-style-type: none"> <li>Two USB 2.0 ports at front bezel</li> </ul>
Motherboard	<ul style="list-style-type: none"> <li>PICMG 1.3 Single Board Computer</li> </ul>
Fan	<ul style="list-style-type: none"> <li>1x 120mm Fan for Backplane</li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>Industrial 400W/500W Auto Ranging Power Supply</li> </ul>
Expansion	<ul style="list-style-type: none"> <li>IP13-14P10 - 14-slot PICMG 1.3 Backplane</li> <li>PICMG 1.3 x 1, PCIe 16 x 1, PCIe 1 x 4, PCI x10</li> <li>IP13-14x8441 - 14-slot PICMG 1.3 Backplane</li> <li>PICMG 1.3 x 1, PCIe 4 x 8, PCIe 1 x 4</li> </ul>

### FEATURES

- Intel® 3<sup>rd</sup>/2<sup>nd</sup> Generation Core™ 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
- Multi I/O: 4 x USB3.0, 4 x USB2.0, 6 x COM ports, 4 x SATA2.0, 2x SATA3.0 and 1x LPT
- Expansion: 2x Mini PCIe, Optional IP13-14P10, IP13-14x8441 Backplanes

Color	• Beige/Black
Dimension	• 482.9 x 177 x 452.2mm
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-SR567R3S8483-C0	PICMG 1.3 Intel® 3 <sup>rd</sup> /2 <sup>nd</sup> Generation Core™ i7/i5/i3 Processor Based 4U Rack Mount System with 4x USB 3.0/4x USB 2.0/6x COM Ports/VGA/DVI/Dual Gigabit LAN
SYS-SR567R3S8483-C1	PICMG 1.3 Intel® 3 <sup>rd</sup> /2 <sup>nd</sup> Generation Core™ i7/i5/i3 Processor Based 4U Rack Mount System with 4x USB 3.0/4x USB 2.0/6x COM Ports/VGA/DVI/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

