SYS-SR567R3S8490

FEATURES
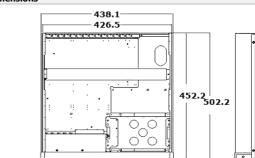
- 6th Generation Intel® Core™ i7/i5/i3 & Pentium Processor in Socket 1151
- Dual DDR4-2133 un-buffered DIMM max. up to 32 GB
- Intel® Q170 Chipset
- Intel® I211AT & Intel® I219LM Dual Gigabit Ethernet Controller
- Integrated Intel® HD Graphics with DVI-I Connector
- Intel® HD Codec Audio chip on-board
- Multi I/O: 4 x USB3.0, 10 x USB2.0, 6 x COM ports, 6 SATA 3.0
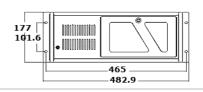- Expansion Slot: Optional IP13-14P10, IP13-14x8441 Backplanes

Introduction

SYS-SR567R3S8490 Industrial 4U Rack Mount System is based on Intel® 6th Generation Core™ i7/i5/i3 & Intel® Q170 Chipset. SYS-SR567R3S8490 comes equipped with 14 x USB Ports, 6x COM Ports, Dual Gigabit Ethernet & DVI output. This is an excellent cost efficient and best expandability system with providing multiple choice of PICMG 1.3 Backplanes.

SYS-SR567R3S8490 is very 4U Rack Mount System and is ideally suited for high-performance systems for industrial control and Automation.

Specification

System

Processor	• Intel® 6th Generation Core™ /i7/i5/i3/Pentium®/ Celeron® processor. • LGA1151 socket.
BIOS	• AMI UEFI BIOS with OA 3.0 built
System Memory	• Dual DDR4-2133 un-buffered DIMM max. up to 32 GB
Chipset	• Intel® Q170 Express Chipset
Video	• Intel® Arrandale integrated a Graphic processing unit • Display ports: DVI-I • DVI-I supports up to 1920x1200 @ 60Hz resolution
Ethernet	• Intel® I211AT PCI Express Gigabit Ethernet controller • Intel® I219LM 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. • Six SATA-III ports support IDE, AHCI, RAID 0, 1,5,10 • Support four USB3.0 ports. • Support ten USB2.0 ports.
Expansion	• -
Extended Interface	• 1 PCI-Express x16 and • 1 PCI-Express x4/4 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	• Intel® HD Codec audio as MIC-in/Line-in/Line-out/Speaker-out with audio kit
Power	• One ATX-12V 8-pins connector for CPU power. Support both AT and ATX mode.

Mechanical & Environment

Drive bays	• Totally 5 drive bay: 3x 5.25" CD and 1 x 3.5" HDD bay drive bay equipped with anti-vibration function
Front Panel	• Two USB 2.0 ports at front bezel
Motherboard	• PICMG 1.0 Single Board Computer
Fan	• 1x 120mm Fan for Backplane
Power Supply	• Industrial 400W/500W Auto Ranging Power Supply
Expansion	• 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 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-SR567R3S8490-C0	PICMG 1.3 6th Generation Intel® Core™ i7/i5/i3 Processor Based 4U Rack Mount Computer with 4x USB 3.0/10x USB 2.0/6x COM Ports/ DVI / Dual Gigabit LAN (Beige)
SYS-SR567R3S8490-C1	PICMG 1.3 6th Generation Intel® Core™ i7/i5/i3 Processor Based 4U Rack Mount Computer with 4x USB 3.0/10x USB 2.0/6x COM Ports/ 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

* All Specifications are subjected to change without prior notice.