

SYS-SR2000R2S8490

PICMG 1.3 6th Generation Intel® Core™ i7/i5/i3 Processor Based 2U Rack Mount Computer with 4x USB 3.0/10x USB 2.0/6x COM Ports/ DVI/ Dual Gigabit LAN



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 IP13-6VP5, IP13-6VP3 Backplanes

Introduction

SYS-SR2000R2S8490 Industrial 2U Rack Mount System is based on Intel® 6th Generation Core™ i7/i5/i3 & Intel® Q170 Chipset. SYS-SR2000R2S8490 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-SR2000R2S8490 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® 6th Generation Core™ i7/i5/i3/Pentium®/ Celeron® processor. LGA1151 socket.
BIOS	<ul style="list-style-type: none"> AMI UEFI BIOS with OA 3.0 built
System Memory	<ul style="list-style-type: none"> Dual DDR4-2133 un-buffered DIMM max. up to 32 GB
Chipset	<ul style="list-style-type: none"> Intel® Q170 Express Chipset
Video	<ul style="list-style-type: none"> Intel® Arrandale integrated a Graphic processing unit Display ports: DVI-I DVI-I supports up to 1920x1200 @ 60Hz resolution
Ethernet	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> -
Extended Interface	<ul style="list-style-type: none"> 1 PCI-Express x16 and 1 PCI-Express x4/4 PCI-Express x1 4 PCI
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"> Intel® HD Codec audio as MIC-in/Line-in/Line-out/Speaker-out with audio kit
Power	<ul style="list-style-type: none"> One ATX-12V 8-pins connector for CPU power. Support both AT and ATX mode.
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 x 3

Color	<ul style="list-style-type: none"> Black
Dimension	<ul style="list-style-type: none"> 482.9 x 177 x 462mm
Weight	<ul style="list-style-type: none"> N.W: 7.9 KGS G.W:9.7KGS
Operating Temperature	<ul style="list-style-type: none"> 0°~60°C
Storage Temperature	<ul style="list-style-type: none"> -40°~70°C
Relative Humidity	<ul style="list-style-type: none"> 5~95%, non-condensing
Storage Humidity	<ul style="list-style-type: none"> 5% ~ 95%
Altitude	<ul style="list-style-type: none"> 10,000 Feet (3000 m)
Vibration (Operating)	<ul style="list-style-type: none"> 1.5G Max
Shock	<ul style="list-style-type: none"> 10G peak acceleration (10Msec duration)
Ordering Information	
SYS-SR2000R2S8490-C1	PICMG 1.3 6th Generation Intel® Core™ i7/i5/i3 Processor Based 2U Rack Mount Computer with 4x USB 3.0/10x USB 2.0/6x COM Ports/ DVI / 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
Dimensions	

