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

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ROHS

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- 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

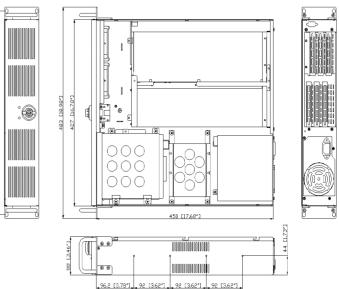
Introduction

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 highperformance 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
Ethernet	Intel® 1211AT PCI Express Gigabit Ethernet controller Intel® 1219LM 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 & Enviro	nment
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
	 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-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	



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