SYS-SR2000R2M8496

FEATURES

- Intel® 4th Generation Intel® Xeon®/Core™ i7/i5/i3 Processor in Socket 1150
- Four 240-pin DIMM sockets Dual-channel DDR3 1066/1333/1600 SDRAM. Max. up to 32 GB memory
- Intel® C226 Express chipset
- Intel® I210 & I217LM on board for Dual GbE LAN
- Integrated Intel® HD Graphics with VGA/DVI-I connectors
- RealTek® ALC886 5.1 Channel High Definition Audio chip on-board
- Multi I/O: 10 x USB, 6 x COM ports, 6 x SATA 3.0
- Expansion Slot: 2 PCIe x16 (1 x16 or 2 x8 signal), 2 PCIe x4 (1 x4 and 1 x1 signal), 3 PCI

Introduction

SYS-SR2000R2M8496 Industrial 2U Rack Mount System is based on Intel® 4th Generation Xeon®/Core™ i7/5/3 Processor & Intel® C226 Chipset. SYS-SR2000R2M8496 comes equipped with 10 x USB Ports, 6x COM Ports, Dual Gigabit Ethernet & Dual Display Output (VGA/DVI). This is an excellent cost efficient and best expandability system with providing up to 2 PCIe x16 (1 x16 or 2 x8 signal), 2 PCIe x4 (1 x4 and 1 x1 signal), 3 PCI.

SYS-SR2000R2M8496 is very 2U Rack Mount System and is ideally suited for high-performance systems for industrial control and Automation.

Specification

System

Processor	• LGA 1150 socket for: - 4th generation Intel® Xeon® processors (22nm process technology) : Intel® Xeon® E3-1275 v3 (8M Cache, up to 3.9GHz); 84W : Intel® Core™ i7-4770S (8M Cache, up to 3.9 GHz); 65W : Intel® Core™ i5-4570S (6M Cache, up to 3.6 GHz); 65W : Intel® Core™ i3-4330 (4M Cache, 3.5 GHz); 54W : Intel® Pentium® G3420 (3M Cache, 3.2 GHz); 53W
BIOS	• AMI BIOS - 64Mbit SPI BIOS
System Memory	• Four 240-pin DDR3/DDR3L DIMM sockets Supports DDR3/DDR3L 1333/1600MHz when operating at 1.5V Supports dual channel memory interface Supports up to 32GB system memory DRAM device technologies: 1Gb, 2Gb and 4Gb DDR3 DRAM technologies are supported for x8 and x16 devices, unbuffered, non-ECC
Chipset	• Intel® C226 Express Chipset
Video	• Intel® HD Graphics • DVI-I supports up to 1920x1200 @ 60Hz resolution • HDMI supports up to 4096x2304 @ 24Hz resolution or 2560x1600 @ 60Hz resolution • VGA display resolution up to 1920x1200 pixels with 24-bit color @ 60Hz • Supports 6 Graphics Execution Units (EUs) • Intel® Clear Video Technology • DirectX Video Acceleration (DXVA) support for accelerating video processing • One HDMI, One DVI-I
Ethernet	• Intel® I210 PCI Express Gigabit Ethernet controller • Intel® I217LM 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	• 1x Connector for PS/2 Mouse/Keyboard • 6 x Serial ports (2x RS-232/422/485 selectable) • 6 SATA 3.0 ports with data transfer rate up to 6Gb/s Supports RAID 0/1/5/10 Supports Intel® Smart Response Technology Integrated Advanced Host Controller Interface (AHCI) controller • 10 USB: 4 USB 3.0, 6 USB 2.0 ports • 1x 8 bit Digital I/O
Watchdog Timer	• Programmable watchdog timer for 1~255 seconds.
CMOS	• On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	• Realtek® ALC886 5.1-channel High Definition Audio • Audio outputs: Mic-in/Center+Subwoofer, line-in/surround and line-out • S/PDIF audio interface
Power	• One 24pins power connector for system power. • One ATX-12V 8-pins connector for CPU power. • Support both AT and ATX mode.
Cooling	• One CPU cooling FAN connector nearby CPU socket

Mechanical & Environment

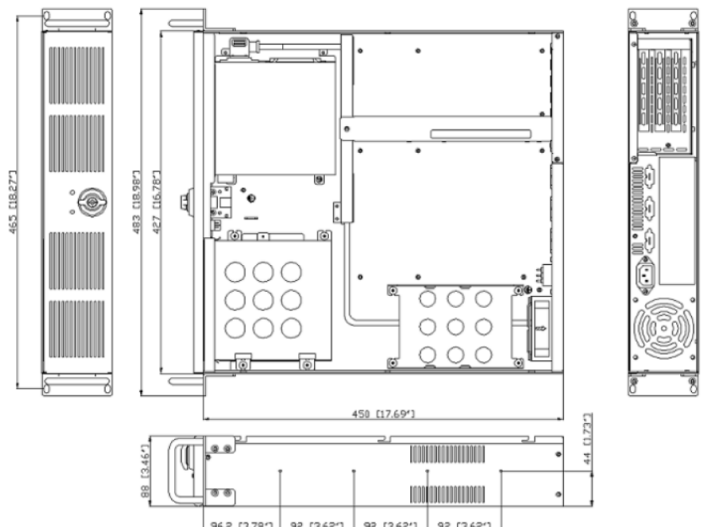|	
Drive bays	• Totally 5 drive bay: 2x 5.25" CD and 2 x 3.5" HDD bay drive bay equipped with anti-vibration function
Front Panel	• Two USB 2.0 ports at front bezel
Motherboard	• ATX, uATX, Mini ITX Motherboards
Fan	• 1 x 80 mm, 2 x 60mm
Riser	• 3x PCI riser card or 2x PCI + 1x PCIex16 riser card
Power Supply	• Industrial 400W/500W Auto Ranging Power Supply
Color	• Beige/Black
Dimension	• 483 x 462 x 88 mm
Weight	• N.W: 8.0KGS G.W:10.0KGS
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

SR2000R2M8496-C1	Intel® 4th Generation Xeon® /Core™ i7/i5/i3 Processor C226 Chipset Based 2U Rack Mount System with 10x USB/6x COM Ports/HDMI/DVI-I/Dual Gigabit LAN (Black)

Optional

TC-400PA	Industrial 400W PS/2 Auto Ranging Power Supply
TC-500PA	Industrial 500W PS/2 Auto Ranging Power Supply
Riser-321	2x PCI + 1x PCIex16 riser card
Riser-320	3x PCI riser card

Dimensions

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* All Specifications are subjected to change without prior notice.