

SYS-SR2000R2M8497R2

Intel® 3rd/2nd Generation Core™ i7/i5/i3 Processor Based 2U Rack Mount System with 10x USB/4x COM Ports/ VGA/ DVI/ DisplayPort/ Dual Gigabit LAN



FEATURES

- Intel® Core™ i7/5/3 3rd/2nd Generation Processor in Socket 1155
- Four 240-pin DIMM sockets Dual-channel DDR3 1066/1333/1600 SDRAM. Max. up to 32 GB memory
- Intel® Q77 Express chipset
- Intel® 82583V & W82579LM on board for Triple GbE LAN
- Integrated Intel® HD Graphics with VGA/HDMI/DisplayPort connectors
- RealTek® ALC887 High Definition Audio chip on-board
- Multi I/O: 10 x USB, 4 x COM ports, 6 x SATA,
- Expansion Slot: 1x PCIe16 Gen3 slot, 1x PCIe4 slot, 5x PCI slots .1x Mini-PCIe & mSATA

Introduction

SYS-SR2000R2M8495 2U Rack Mount System is based on Intel® 4th Generation Core™ i7/5/3 Processor & Intel® H81 Chipset. SYS-SR2000R2M8495 comes equipped with 8 x USB Ports, 2x COM Ports, Dual Gigabit Ethernet & Dual Display Output (DVI & HDMI). This is an excellent cost efficient and best expandability system with providing up to 4 PCI, 1 PCIe x16 and 1 PCIe x4 slots.

SYS-SR2000R2M8495 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"> • LGA 1155 socket for: Intel® Core™ i7/i5/i3/ Pentium® / Celeron® processor • Intel® Core™ i7-3770 (8M Cache, up to 3.9GHz); 77W • Intel® Core™ i5-3550S (6M Cache, up to 3.7GHz); 65W • Intel® Core™ i3-3220 (3M Cache, 3.3GHz); 55W • Intel® Pentium® G2120 (3M Cache, 3.1 GHz); 65W
BIOS	<ul style="list-style-type: none"> • AMI 128Mbit SPI BIOS
System Memory	<ul style="list-style-type: none"> • Four 240pin DIMM Dual-channel DDR3 1066/1333/1600MHz (non-ECC) up to 32GB
Chipset	<ul style="list-style-type: none"> • Intel® Q77 Express chipset.
Video	<ul style="list-style-type: none"> • Intel® Core i processors integrated HD graphics engine. VGA, DVI-D, DisplayPort on rear I/O. • Support up to triple independent display with CPU.
Ethernet	<ul style="list-style-type: none"> • One Intel® 82579LM and One Intel® 82583V Gigabit Ethernet controllers. • Support Wake-on-LAN, teaming, fault-tolerance and remote boot. • Support iAMT 8.0
On Board I/O	<ul style="list-style-type: none"> • 1x Connector for PS/2 Mouse/Keyboard • 6x Serial ports (2x RS-232/422/485 selectable) • 5 Serial ATA ports • 2 SATA 3.0 ports with data transfer rate up to 6Gb/s • 3 SATA 2.0 ports with data transfer rate up to 3Gb/s • 1 Mini PCIe socket optional support mSATA module by jumper • Integrated Advanced Host Controller Interface (AHCI) controller • Supports RAID 0/1/5/10 • 12 USB: 4 USB 3.0, 8 USB 2.0 ports (2 x rear; 6 x internal) • 8bit Digital I/O
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"> • RealTek ALC887 high-definition audio chip on-board. • Support Line-OUT, Line-IN, MIC, CD-IN, Surrounding and SPDIF.
Power	<ul style="list-style-type: none"> • One 24pins power connector for system power. • One ATX-12V 4-pins connector for CPU power. • Support both AT and ATX mode.
Cooling	<ul style="list-style-type: none"> • One CPU cooling FAN connector nearby CPU socket • Three system fan connectors for system cooling

Mechanical & Environment

Drive bays	<ul style="list-style-type: none"> • Totally 5 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"> • ATX, uATX, Mini ITX Motherboards
Fan	<ul style="list-style-type: none"> • 1 x 80 mm, 2 x 60mm
Riser	<ul style="list-style-type: none"> • 3x PCI riser card or 2x PCI + 1x PCIe16 riser card
Power Supply	<ul style="list-style-type: none"> • Industrial 400W/500W Auto Ranging Power Supply
Color	<ul style="list-style-type: none"> • Beige/Black
Dimension	<ul style="list-style-type: none"> • 483 x 462 x 88 mm
Weight	<ul style="list-style-type: none"> • N.W: 8.0KGS G.W:10.0KGS
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

SR567M8497R2-C1	Intel® 3 rd /2 nd Generation Core™ i7/i5/i3 Processor Based 2U Rack Mount System with 10x USB/4x COM Ports/ VGA/ DVI/ DisplayPort/ Dual Gigabit LAN (Black)
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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 PCIe16 riser card
Riser-320	3x PCI riser card

Dimensions

