

# SYS-SR570M8501

## Intel® Xeon®/Core™ i7/i5/i3 6<sup>th</sup> Generation Processor Based 4U Rack Mount System with 14x USB/ 6x COM Ports/ VGA/ DVI/ HDMI/ Dual



### FEATURES

- Intel® 6<sup>th</sup> Generation Xeon®/Core™ i7/i5/i3 Processor in Socket 1151
- Four 288pin DIMM Dual-channel DDR4 1866/2133MHz (ECC) up to 64GB
- Intel® C236 chipset
- Intel® i210AT & I219LM on board for Dual Gigabit Ethernet
- Integrated Intel® HD Graphics with VGA//DVI/HDMI connectors
- Realtek® ALC888S High Definition Audio chip on-board
- Multi I/O: 14 x USB, 6 x COM ports, 6 x SATA,
- Expansion Slot: 2 x PCIe x16 (1 x16 or 2 x8 signal) (Gen 3) 2 x PCIe x4 (Gen 3), 3 x PCI

### Introduction

SYS-SR570M8501 Industrial 4U Rack Mount System is based on Intel® 6<sup>th</sup> Generation Core™ i7/i5/i3 Processor & Intel® C236 Chipset. SYS-SR570M8501 comes equipped with 14 x USB Ports, 6x COM Ports, Dual Gigabit Ethernet & Triple Display Output (VGA, DVI & HDMI). This is an excellent cost efficient and best expandability system with providing up to 2 x PCIe x16 (1 x16 or 2 x8 signal) (Gen 3), 2 x PCIe x4 (Gen 3), 3 x PCI.

SYS-SR570M8501 is very 4U 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"> <li>• 6<sup>th</sup> Gen Intel® Core™ Processors LGA 1151 socket for: Intel® Xeon® Processor E3-1275 v5, 3.6GHz (4.0GHz), 80W</li> <li>Intel® Core™ i7-6700 Processor, 3.4GHz (4.0GHz), 65W</li> <li>Intel® Core™ i5-6500 Processor, 3.2GHz (3.6GHz), 65W</li> <li>Intel® Core™ i3-6100 Processor, 3.7GHz, 65W</li> <li>Intel® Pentium® Processor G4400, 3.3GHz, 65W</li> </ul>
BIOS	<ul style="list-style-type: none"> <li>• Insyde SPI 128Mbit</li> </ul>
System Memory	<ul style="list-style-type: none"> <li>• Four 288pin DIMM Dual-channel DDR4 1866/2133MHz (ECC) up to 64GB</li> </ul>
Chipset	<ul style="list-style-type: none"> <li>• Intel® C236 Express chipset.</li> </ul>
Video	<ul style="list-style-type: none"> <li>• Intel® HD Gen 9 Graphics</li> <li>1 x VGA, 1 x DVI-I (DVI-D signal), 1 x HDMI on rear I/O.</li> <li>• Support up to triple independent display with CPU.</li> </ul>
Ethernet	<ul style="list-style-type: none"> <li>• 1 x Intel® I210AT PCIe (10/100/1000Mbps), 1 x Intel® I219LM PCIe with iAMT11.0 (10/100/1000Mbps) (only Core i7/i5 supports iAMT)</li> </ul>
On Board I/O	<ul style="list-style-type: none"> <li>• 1x Connector for PS/2 Mouse/Keyboard</li> <li>• 6x Serial ports (2x RS-232/422/485 selectable)</li> <li>• 6 Serial ATA ports</li> <li>• 6 SATA 3.0 ports with data transfer rate up to 6Gb/s Supports RAID 0/1/5/10</li> <li>• 14 USB: 6 USB 3.0 (4 x rear; 2 x Header), 8 USB 2.0 ports (2 x rear; 6 x Header)</li> <li>• 8bit Digital I/O</li> </ul>
Watchdog Timer	<ul style="list-style-type: none"> <li>• Programmable watchdog timer for 1~255 seconds.</li> </ul>
CMOS	<ul style="list-style-type: none"> <li>• On-board RTC with 242 bytes of Battery-back CMOS RAM.</li> </ul>
Audio	<ul style="list-style-type: none"> <li>• RealTek ALC888S-VD2-GR high-definition audio chip on-board.</li> <li>• Support 1 x Line-out, 1 x Mic-in, SPDIF</li> </ul>
Power	<ul style="list-style-type: none"> <li>• One 24pins power connector for system power.</li> <li>• One ATX-12V 4-pins connector for CPU power.</li> <li>• Support both AT and ATX mode.</li> </ul>
Cooling	<ul style="list-style-type: none"> <li>• One CPU cooling FAN connector nearby CPU socket</li> <li>• Three system fan connectors for system cooling</li> </ul>

### Mechanical & Environment

Drive bays	<ul style="list-style-type: none"> <li>• Totally 5 drive bay: 3x 5.25" CD and 2 x 3.5" HDD bay drive bay equipped with anti-vibration function</li> </ul>
Front Panel	<ul style="list-style-type: none"> <li>• Two USB 2.0 ports at front bezel</li> </ul>
Motherboard	<ul style="list-style-type: none"> <li>• ATX, uATX, Mini ITX Motherboards</li> </ul>
Fan	<ul style="list-style-type: none"> <li>• 1x 120mm Fan for Backplane</li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>• Industrial 400W/500W Auto Ranging Power Supply</li> </ul>
Color	<ul style="list-style-type: none"> <li>• Beige/Black</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>• 482.9 x 177 x 452.2mm</li> </ul>
Weight	<ul style="list-style-type: none"> <li>• N.W: 21KGS G.W:23KGS</li> </ul>
Operating Temperature	<ul style="list-style-type: none"> <li>• 0°~60°C</li> </ul>
Storage Temperature	<ul style="list-style-type: none"> <li>• -40°~70°C</li> </ul>
Relative Humidity	<ul style="list-style-type: none"> <li>• 5~95%, non-condensing</li> </ul>
Storage Humidity	<ul style="list-style-type: none"> <li>• 5% ~ 95%</li> </ul>
Altitude	<ul style="list-style-type: none"> <li>• 10,000 Feet (3000 m)</li> </ul>
Vibration (Operating)	<ul style="list-style-type: none"> <li>• 1.5G Max</li> </ul>
Shock	<ul style="list-style-type: none"> <li>• 10G peak acceleration (10Msec duration)</li> </ul>

### Ordering Information

SYS-SR570M8501-C0	Intel® Xeon®/Core™ i7/i5/i3 6 <sup>th</sup> Generation Processor Based 4U Rack Mount System with 14x USB/6x COM Ports/ VGA/ DVI/ HDMI/ Dual Gigabit LAN (Beige)
SYS-SR570M8501-C1	Intel® Xeon®/Core™ i7/i5/i3 6 <sup>th</sup> Generation Processor Based 4U Rack Mount System with 14x USB/6x COM Ports/ VGA/ DVI/ HDMI/ Dual Gigabit LAN (Black)

### Dimensions

