SYS-SCM608R3M8501

Intel[®] Xeon[®]/Core[™] i7/i5/i3 6th Generation Processor Based Compact System with 14x USB/ 6x COM Ports/ VGA/ DVI/ HDMI/ Dual Gigabit LAN











FEATURES

- Intel® 6th Generation Xeon®/Core™ i7/5/3 Processor in
- 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
- 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

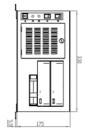
SYS-SCM608R3M8501 Industrial Compact System is based on Intel[®] 6th Generation Core™ i7/5/3 Processor & Intel® C236 Chipset. SYS-SCM608R3M8501 comes equipped with 14 x USB Ports, 6x COM Ports, Dual Gigabit Ethernet & Triple Display Output (VGA, DVI & HDMI). This is an excellent cost efficient and best 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.

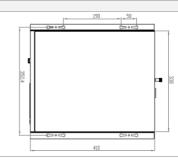
SYS-SCM608R3M8501 is very compact system and is ideally suited for high-performance systems for industrial control and Automation.

Speci	

System		
Processor	• 6th Gen Intel® Core [™] Processors LGA 1151 socket for: Intel® Xeon® Processor E3-1275 v5, 3.6GHz (4.0GHz), 80W Intel® Core [™] i7-6700 Processor, 3.4GHz (4.0GHz), 65W Intel® Core [™] i3-6500 Processor, 3.2GHz (3.6GHz), 65W Intel® Pentium® Processor, 3.7GHz, 65W Intel® Pentium® Processor G4400, 3.3GHz, 65W	
BIOS	Insyde SPI 128Mbit	
System Memory	Four 288pin DIMM Dual-channel DDR4 1866/2133MHz (ECC) up to 64GB	
Chipset	• Intel [®] C236 Express chipset.	
Video	 Intel® HD Gen 9 Graphics 1 x VGA, 1 x DVI-I (DVI-D signal), 1 x HDMI on rear I/O. Support up to triple independent display with CPU. 	
Ethernet	 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)	
On Board I/O	• 1x Connector for PS/2 Mouse/Keyboard • 6x Serial ports (2x RS-232/422/485 selectable) • 6 Serial ATA ports 6 SATA 3.0 ports with data transfer rate up to 6Gb/s Supports RAID 0/1/5/10 • 14 USB: 6 USB 3.0 (4 x rear; 2 x Header), 8 USB 2.0 ports (2 x rear; 6 x Header) • 8bit 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 ALC888S-VD2-GR high-definition audio chip on-board. Support 1 x Line-out, 1 x Mic-in, SPDIF 	
Power	One 24pins power connector for system power. One ATX-12V 4-pins connector for CPU power. Support both AT and ATX mode.	
Cooling	One CPU cooling FAN connector nearby CPU socket Three system fan connectors for system cooling	

Mechanical & Environment		
Drive bays	Totally 3 drive bay:	
	2x 5.25" CD and 1 x 3.5" HDD bay	
	Drive bay equipped with anti-vibration function	
Front Panel	Two USB 2.0 ports at front bezel	
Motherboard	ATX Motherboard	
Fan	One 90mm intake fan	
Power Supply	PS2 or hot swappable redundant P/S (Option)	
Expansion	7 Slot for ATX Motherboard	
Color	Beige/Black	
Dimension	410(D) x 310(W)x 175(H)mm	
Weight	N.W: 8.1 KG.W: 9.1 KGS	
Operating Temperature	0°~50°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		
SCM608R3M8501-C0	Intel® Xeon®/Core™ i7/i5/i3 6th Generation Processor	
	Based Compact System with 14x USB/6x COM Ports/ VGA/	
	DVI/ HDMI/ Dual Gigabit LAN (Beige)	
SCM608R3M8501-C1	Intel® Xeon®/Core™ i7/i5/i3 6th Generation Processor	
	Based Compact System with 14x USB/6x COM Ports/ VGA/	
	DVI/ HDMI/ Dual Gigabit LAN (Black)	
Dimensions		







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