

SYS-SCM608R3M8495

Industrial Compact System based on Intel® 4th Generation Core™ i7/5/3 Processor H81 Chipset Based Industrial ATX Motherboard with 8x USB/2x COM Ports/HDMI/DVI/Dual Gigabit LAN



FEATURES

- Intel® 4th Generation Core™ i7/5/3 Processor in Socket 1150
- Two 240-pin DIMM sockets Dual-channel DDR3 1066/1333/1600 SDRAM. Max. up to 16 GB memory
- Intel® H81 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: 8 x USB ports, 2 x COM ports, 2 x SATA3.0, 2 x SATA2.0
- Expansion Slot: 1 PCIe x16, 1 PCIe x4 (x1 signal), 1 PCIe x1, 4 PCI, 1 Mini PCIe

Introduction

SYS-SCM608R3M8495 Industrial Compact System is based on Intel® 4th Generation Core™ i7/5/3 Processor & Intel® H81 Chipset. SYS-SCM608R3M8495 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-SCM608R3M8495 is very compact system and is ideally suited for high-performance systems for industrial control and Automation.

Specification

System	
Processor	<ul style="list-style-type: none"> LGA 1150 socket for: 4th Generation Intel® Core™ processors (22nm process technology) Intel® Core™ i3-4330 (3M Cache, 3.5 GHz); 54W Intel® Core™ i3-4330TE (3M Cache, up to 2.4 GHz); 35W Intel® Pentium™ G3420 (3M Cache, 3.2 GHz); 54W Intel® Pentium™ G3320TE (3M Cache, 2.3 GHz); 35W
BIOS	<ul style="list-style-type: none"> AMI BIOS - 64Mbit SPI BIOS
System Memory	<ul style="list-style-type: none"> Two 240-pin DDR3/DDR3L DIMM sockets Supports DDR3/DDR3L 1333/1600MHz Supports dual channel memory interface Supports up to 16GB system memory DRAM device technologies: 1Gb, 2Gb and 4Gb DDR3 DRAM technologies are supported for x8 and x16 devices, unbuffered, non-ECC
Chipset	<ul style="list-style-type: none"> Intel® H81 Express Chipset
Video	<ul style="list-style-type: none"> Intel® HD Graphics Display ports: HDMI and DVI-I 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
Ethernet	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 1x Connector for PS/2 Mouse/Keyboard 2 x Serial ports (2x RS-232/422/485 selectable) 2 SATA 3.0 ports with data transfer rate up to 6Gb/s 2 SATA 2.0 ports with data transfer rate up to 3Gb/s Integrated Advanced Host Controller Interface (AHCI) controller 8 USB: 2 USB 3.0, 6 USB 2.0 ports 1x 8 bit 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® ALC886 5.1-channel High Definition Audio Audio outputs: Mic-in/Center+Subwoofer, line-in/surround and line-out S/PDIF audio interface
Power	<ul style="list-style-type: none"> One 24pins power connector for system power. One ATX-12V 8-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

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

SCM608M8495	Industrial Compact System based on Intel® 4 th Generation Core™ i7/5/3 Processor H81 Chipset Based Industrial ATX Motherboard with 8x USB/2x COM Ports/HDMI/DVI/Dual Gigabit LAN
-------------	---

Dimensions

