

SYS-SCM604M8492

Intel® 4th Generation Core™ i7/i5/i3 Processor H81 Chipset Based Compact System with 8x USB/ 2x COM Ports/ HDMI/ DVI-I/ Gigabit LAN



FEATURES

- Intel® 4th Generation Intel® Core™ i7/i5/i3 Processor in Socket 1150
- Four 240-pin DIMM sockets Dual-channel DDR3 1066/1333/1600 SDRAM. Max. up to 16 GB memory
- Intel® H81 Express chipset
- Intel® I217LM on board for 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: 8x USB, 2x COM ports, 2x SATA 3.0, 1x SATA 2.0
- Expansion Slot: 2 PCIe x16 (1 x16 or 2 x8 signal), 2 PCIe x4 (1 x4 and 1 x1 signal)

Introduction

SYS-SCM604M8492 Compact System based on the Intel® H81 Express Chipset, supports Intel® 4th Generation Core™ i7/i5/i3 Processor. Integrated with Intel® HD Integrated Graphic Controller, 2x Com Port, 8 x USB, 2x SATA 3.0, 1x SATA 2.0

SYS-SCM604M8492 is ideal for developing high-performance systems for industrial Automation and control.

Specification

System	
Processor	<ul style="list-style-type: none"> • 4th Generation Intel® Core™ processors (22nm process technology) • LGA 1150 socket
BIOS	<ul style="list-style-type: none"> • AMI BIOS - 64Mbit SPI BIOS
System Memory	<ul style="list-style-type: none"> • 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 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 20 Graphics Execution Units (EUs) • Intel® Clear Video Technology • DirectX Video Acceleration (DXVA) support for accelerating video processing • Supports DirectX 11.1 and OpenGL 4.0
Ethernet	<ul style="list-style-type: none"> • 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) • 1 x Parallel Port • 2 SATA 3.0 ports with data transfer rate up to 6Gb/s • 1 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	uATX Motherboard
Fan	One 90mm intake fan
Power Supply	PS2 or hot swappable redundant P/S (Option)
Expansion	4 Slot for uATX Motherboard
Color	Beige/Black
Dimension	410(D) x 275(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

SYS-SCM604M8492-C0	Intel® 4 th Generation Core™ i7/i5/i3 Processor H81 Chipset Based Compact System with 8x USB/ 2x COM Ports/ HDMI/ DVI-I/ Gigabit LAN (Beige)
SYS-SCM604M8492-C1	Intel® 4 th Generation Core™ i7/i5/i3 Processor H81 Chipset Based Compact System with 8x USB/ 2x COM Ports/ HDMI/ DVI-I/ Gigabit LAN (Black)

