

SYS-SCM604M8484

Intel® 3rd/2nd Generation Core™ i7/i5/i3 Processor
Q67 Chipset Based Compact System with 12x
USB/ 6x COM Ports/ VGA/ DVI-I/ Dual Gigabit
LAN



FEATURES

- Intel® 3rd/2nd Generation Intel® Core™ i7/i5/i3 Processor in Socket 1155
- Four 240-pin DIMM sockets Dual-channel DDR3 1066/1333/1600 SDRAM. Max. up to 32 GB memory
- Intel® Q67 Express chipset
- Intel® WG82579LM & Realtek® RTL8111DL on board for Dual GbE LAN
- Integrated Intel® HD Graphics with VGA/ DVI-I connectors
- Realtek® ALC262 2 Channel HD Audio chip on-board
- Multi I/O: 12x USB 2.0, 6x COM ports, 2x SATA 3.0, 4x SATA 2.0, 1x IDE
- Expansion Slot: 1 PCIe x16, 1 PCIe x4, 2 PCI slots

Introduction

SYS-SCM604M8484 Compact System based on the Intel® Q67 Express Chipset, supports Intel® 3rd/2nd-Generation Core™ i7/i5/3 Processor. Integrated with Intel® HD Integrated Graphic Controller, 6x Com Port, 12x USB 2.0, 2x SATA 3.0, 4x SATA 2.0.

SYS-SCM604M8484 is ideal for developing high-performance systems for industrial Automation and control.

Specification

System	
Processor	<ul style="list-style-type: none"> • 3rd/2nd Generation Intel® Core™ processors (22nm process technology) • LGA 1155 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 DIMM sockets • Supports DDR3 1333/1600MHz (3rd generation processors) • Supports DDR3 1066/1333MHz (2nd generation processors) • Supports dual channel memory interface • Supports up to 32GB 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® Q67 Express Chipset
Video	<ul style="list-style-type: none"> • Intel® HD Graphics • Display ports: DVI-I (DVI-D signal) and VGA • DVI-I supports up to 1920x1200 @ 60Hz resolution • VGA supports up to 2048x1536 @ 75Hz resolution • 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® 82579LM with iAMT8.0 Gigabit Ethernet Phy • Realtek® RTL8111DL PCI Express Gigabit Ethernet controller • 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 • 6 x Serial ports (2x RS-232/422/485 selectable) • 2 SATA 3.0 ports with data transfer rate up to 6Gb/s • 4 SATA 2.0 ports with data transfer rate up to 3Gb/s (SATA port 4 provides adequate space for SATA DOM) • Integrated Advanced Host Controller Interface (AHCI) controller • Supports RAID 0/1/5/10 • 12 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® ALC262 2-channel High Definition Audio • High performance DACs with 100dB SNR • ADCs with 90dB SNR • Two stereo DACs support 24-bit PCM format for stereo audio playback • Three stereo ADCs support 20-bit PCM format for multiple input streaming • 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

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