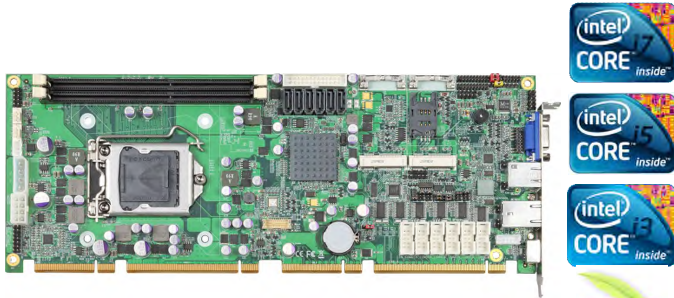


SINE-8483G2V

PICMG 1.3 3rd/2nd Generation Intel® Core™ i7/i5/i3 Processor Based Single Board Computer with 4x USB 3.0/4x USB 2.0/6x COM Ports/VGA/DVI/Dual Gigabit LAN



FEATURES

- 3rd/2nd Generation Intel® Core™ i7/i5/i3 & Pentium Processor in Socket 1155
- 2 x DDR3 DIMM sockets Dual-channel 1066/1333Mhz SDRAM. Max. up to 16GB memory
- Intel® Q77 Chipset
- Embedded Dual Intel® GbE LAN
- Intel® HD Graphics
- RealTek® ALC888 Audio chip on-board
- 2x Mini-PCIE expansion slots & 1 x SIM socket.
- Multi I/O: 4 x USB3.0, 4 x USB2.0, 6 x COM ports, 4 x SATA2.0, 2x SATA3.0 and 1x LPT

Introduction

PICMG 1.3 SBC SINE-8483G2V based on the Intel® Q77 Express Chipset, supports Intel® Core® i7/i5/i3 Processor. Integrated with Intel® HD Graphic (CPU dependent), 6 Com Port, 4 x USB 3.0, 4 x USB 2.0, 4 x SATA2.0 and 2 x SATA3.0, 1x LPT.

SINE-8483G2V is ideal for developing high-performance systems for industrial control and Automation, gaming, Medical Instruments, Surveillance Server, Military systems, print imaging and digital signage.

Specification

System	
Processor	<ul style="list-style-type: none"> • 3rd/2nd Generation Intel® Core™ i7/i5/i3 & Intel® Pentium Processor in Socket 1155 • LGA 1155 socket
BIOS	<ul style="list-style-type: none"> • Phoenix Secure core
System Memory	<ul style="list-style-type: none"> • 2 x DDR3 DIMM sockets Dual-channel DDR3 1066/1333Mhz SDRAM. Max. up to 16 GB memory
Chipset	<ul style="list-style-type: none"> • Intel® Q77 Express
Video	<ul style="list-style-type: none"> • Integrated Intel® HD graphic technology • Onboard 26-pin DVI interface
Ethernet	<ul style="list-style-type: none"> • Intel® 82574L & Intel® 82579LM • Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	<ul style="list-style-type: none"> • 6 x Serial ports (One RS-232/422/485 selectable) • 1 x Keyboard/mouse • 2 x SATA3.0 interface up to 600MB/s, 4x SATA 2.0 interface up to 300MB/s • Support RAID 0, 1, 5, 10 • Intel® Rapid Storage Technology • 4x USB 3.0, 4x USB 2.0 Ports
Expansion	<ul style="list-style-type: none"> • 2x Mini-PCIE expansion slots & 1 x SIM socket
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® ALC888 High-Definition Audio chip on-board. • Support Line-OUT, Line-IN, MIC, SPDIF, CD-IN and Surrounding sounds with pin-headers
Power	<ul style="list-style-type: none"> • One 8-pins 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 • One system cooling FAN connectors for chassis or power supply cooling.

Mechanical & Environment

Form Factor	13.33x4.98" (338x126mm)
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-40°C to 70°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)

Ordering Information

SINE-8483G2V	PICMG 1.3 2 nd Generation Intel® Core™ i7/i5/i3 Processor Based Single Board Computer with 4xUSB 3.0/4x USB2.0/VGA/DVI/6xCOM /Dual GIGA LAN
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