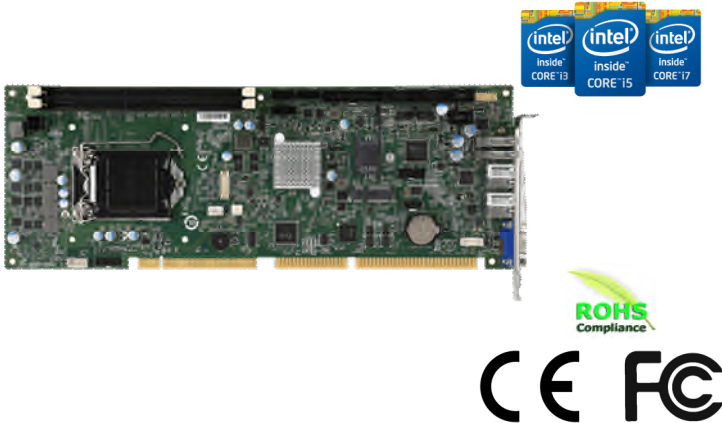


SINE-8487G2V

PICMG 1.0 4th Generation Intel® Core™ i7/i5/i3 Processor Based Single Board Computer with 2x USB 3.0/4x USB 2.0/2x COM Ports/VGA/DVI/Dual Gigabit LAN



FEATURES

- 4th Generation Intel® Core™ i7/i5/i3 & Pentium Processor in Socket 1150
- 2 x DDR3 DIMM sockets Dual-channel 1066/1333Mhz SDRAM. Max. up to 16GB memory
- Intel® H81 Chipset
- Embedded Dual Intel® GbE LAN
- Intel® HD Graphics
- Realtek® ALC887 Audio chip on-board
- 1x mSATA expansion
- Multi I/O: 2 x USB3.0, 4 x USB2.0, 2 x COM ports, 1 x SATA2.0, 2x SATA3.0 and 1x LPT

Introduction

PICMG 1.0 SBC SINE-8487G2V based on the Intel® H81 Express Chipset, supports Intel® Core® i7/i5/i3 Processor. Integrated with Intel® HD Graphic (CPU dependent), 2 Com Port, 2 x USB 3.0, 4 x USB 2.0, 1 x SATA2.0 and 2 x SATA3.0.

SINE-8487G2V 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"> • 4th Generation Intel® Core™ i7/i5/i3, Pentium, Celeron Processor • LGA 1150 socket
BIOS	<ul style="list-style-type: none"> • AMI
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® H81 Express
Video	<ul style="list-style-type: none"> • Integrated Intel® HD graphic technology • VGA Connector • Onboard 26-pin DVI-D interface
Ethernet	<ul style="list-style-type: none"> • 1 x Intel® I217-LM GbE LAN • 1 x Intel® I210-AT GbE LAN
On Board I/O	<ul style="list-style-type: none"> • 2 x Serial ports (COM1: RS-232/422/485, 0V/5V/12V, COM2: RS-232, 0V/5V/12V) • 1 x Keyboard/mouse (Header) • 1x Parallel Port (Header) • 2 x SATA3.0 interface up to 600MB/s, 1x SATA 2.0 interface up to 300MB/s • 1x mSATA Interface • 2x USB 3.0, 4x USB 2.0 Ports • 8-bits (4 x GPI; 4 x GPO), 5V
Expansion	<ul style="list-style-type: none"> • 1x mSATA expansion slot
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® ALC887 HD Audio Codec • Support Line-OUT, Line-IN, MIC, SPDIF, CD-IN and Surrounding sounds with pin-headers
Power	<ul style="list-style-type: none"> • One ATX-12V 4-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

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