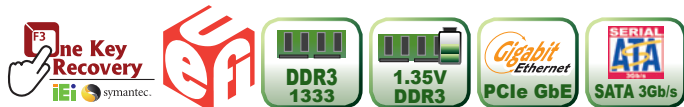
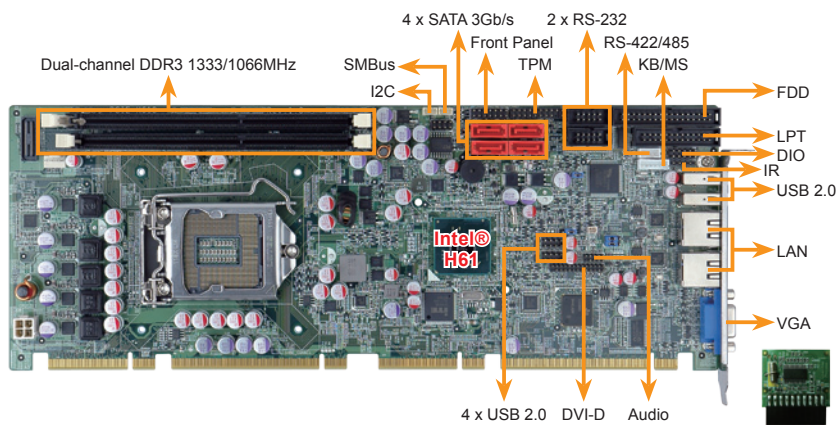


PCIE-H610

Full-size PICMG 1.3 CPU card Supports 32nm LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® H61, DDR3, VGA, Dual Realtek PCIe GbE, USB 2.0, SATA 3Gb/s, HD Audio and RoHS



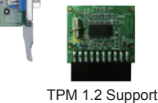
Specifications

- ◆ CPU
LGA1155 socket supports Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor
- ◆ PCH
Intel® H61
- ◆ Memory
Two 240-pin 1333/1066MHz dual-channel DDR3 & DDR3L (1.35V) DIMMs supported (system max. 16GB)
- ◆ BIOS
UEFI BIOS
- ◆ Graphics Engine
Intel® HD Graphics Gen 6 supports for DX10.1 and OpenGL 3.0
Full MPEG2, VC1, AVC Decode
- ◆ Display Output
1 x VGA
1 x DVI-D (via header to IO-KIT-001-R20 DVI-D/USB module) (optional)
- ◆ Ethernet
Dual Realtek RTL8111E PCIe GbE controllers (LAN1 with ASF 2.0 supported)
- ◆ Super I/O
Fintek F81866
- ◆ PCIe Switch
TI XIO3130
- ◆ PCIe-PCI Bridge
ITE IT8892E
- ◆ I/O Interface
 - 2 x RS-232 1 x RS-422/485
 - 4 x SATA 3Gb/s 1 x LPT
 - 1 x FDD 1 x 6-pin wafer for KB/MS
 - 6 x USB 2.0 (2 by Rear IO, 4 by on-board pin header)
 - 4 x USB 2.0 (4 by backplane pin header via golden finger)
- ◆ Front Panel
1 x Front panel (Power LED, HDD LED, Speaker, Power Button, Reset Button)
- ◆ Audio
Supports by IEI AC-KIT-888HD audio kit
- ◆ TPM
2 x 10-pin headers
- ◆ SMBus
1 x 4-pin wafer
- ◆ I2C
1 x 4-pin wafer
- ◆ Infrared Interface
1 x 5-pin header
- ◆ Expansion
PCIe signal and PCI signal via golden finger
- ◆ Watchdog Timer
Software programmable supports 1~255 sec. system reset
- ◆ Digital I/O
8-bit programmable I/O
- ◆ Fan Connector
1 x 4-pin smart Fan Connector
- ◆ Power Supply
5V/12V, AT/ATX support
- ◆ Power Consumption
5V@4.41A, 12V@0.21A, Vcore_12V@7.72A, 3.3V@1.71A, 5VSB@0.16A (3.4GHz Intel® Core™ i7-2600K with two 2GB 1333MHz DDR3 memory)
- ◆ Operating Temperature
-10°C ~ 60°C
- ◆ Operating Humidity
5% ~95%, non-condensing
- ◆ Dimensions
338 mm x 126 mm
- ◆ Weight
GW: 1200g/NW: 420g

2nd Gen Intel® Core Processors (TDP=35W) Suggest List

New

CPU No.	Clock speed	Core	Smart cache	TDP
i5-2390T	2.7GHz	2	3M	35W
i3-2120T	2.6GHz	2	3M	35W
i3-2100T	2.5GHz	2	3M	35W
G630T	2.3GHz	2	3M	35W
G620T	2.2GHz	2	3M	35W
G530T	2.0GHz	2	2M	35W
G440	1.6GHz	1	1M	35W



IO-KIT-001

DVI cable included in DVI model

CF-1156C-RS

1U chassis compatible

The 2nd gen Intel® processors provide advanced technology and intelligent performance.

Features

1. Full-size PICMG 1.3 graphics grade solution
2. LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor supported
3. Dual-channel 1333/1066MHz DDR3/DDR3L SDRAM supported up to 16GB
4. Intel® HD Graphics technology integrates high-performance graphics and media processing
5. TPM V1.2 hardware security function supported by TPM module
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Packing List

1 x PCIE-H610 single board computer	
1 x Dual RS-232 cable (P/N: 19800-000051-RS)	
1 x USB cable (P/N: 19800-003100-200-RS)	1 x Mini jumper pack
4 x SATA cable (P/N: 32801-000703-200-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
PCIE-H610-R10	Full-size PICMG 1.3 CPU card supports 32nm LGA1155 Intel® Core™ i7/i5/i3 CPU with Intel® H61, DDR3, VGA, Dual Realtek PCIe GbE, USB 2.0, SATA 3Gb/s, HD Audio and RoHS
PCIE-H610-DVI-R10	Full-size PICMG 1.3 CPU card supports 32nm LGA1155 Intel® Core™ i7/i5/i3 CPU with Intel® H61, DDR3, VGA/DVI-D, Dual Realtek PCIe GbE, USB 2.0, SATA 3Gb/s, HD Audio and RoHS
32205-003800-100-RS	RS-422/485 cable, 200mm
19800-000075-RS	KB/MS cable with bracket
SAIDE-KIT01-R10	SATA to IDE/CF converter board
32102-000100-200-RS	SATA power cable
32229-000100-100-RS	FDD flat cable
32200-015100-RS	LPT cable
AC-KIT-888HD-R10	7.1 channel HD audio kit with Realtek ALC888 supports dual audio streams
CPU-DT-i5-2500T	Intel® Core™ i5-2500T processor, LGA1155, quad core 2.3GHz, 6M cache, 45W, compatible with CF-1156C-RS CPU cooler
CPU-DT-i5-2390T	Intel® Core™ i5-2390T processor, LGA1155, dual core 2.7GHz, 3M cache, 35W, AMT, compatible with CF-1156C-RS CPU cooler
CPU-DT-i3-2100T	Intel® Core™ i3-2100T processor, LGA1155, dual core 2.5GHz, 3M cache, 35W, compatible with CF-1156C-RS CPU cooler
CPU-DT-P-G620T	Intel® Pentium® G620T processor, LGA1155, dual core 2.2GHz, 3M cache, 35W, compatible with CF-1156C-RS CPU cooler
CPU-DT-C-G440	Intel® Celeron® G440 processor, LGA1155, single core 1.6GHz, 1M cache, 35W, compatible with CF-1156C-RS CPU cooler
CF-1156A-RS-R10	High performance LGA1155/LGA1156 cooler kit, 1U chassis compatible, 73W
CF-1156B-RS-R10	High performance LGA1155/LGA1156 cooler kit, 95W
CF-1156C-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 45W
CF-1156D-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 65W
TPM-IN01-R11	20-pin Infi neon TPM module, software management tool, firmware V3.17