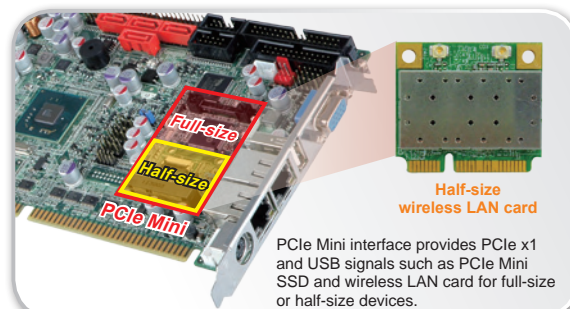
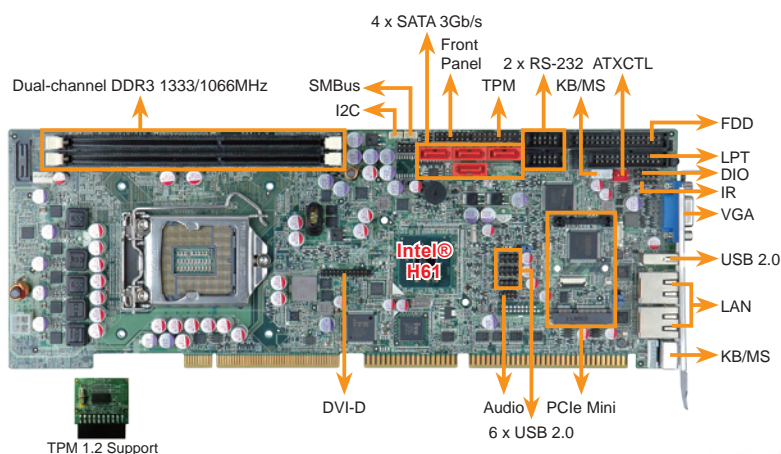


WSB-H610

Full-size PICMG 1.0 CPU card supports 32nm LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® H61, DDR3, VGA/DVI-D, Dual Realtek PCIe GbE, USB 2.0, SATA 3Gb/s, COM, HD Audio and RoHS

New



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
- ◆ 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 support)
- ◆ Super I/O
Fintek F81866
- ◆ Embedded Controller
ITE IT8519E
- ◆ PCIe-PCI Bridge
ITE IT8892E
- ◆ PCI-ISA Bridge
ITE IT888G
- ◆ I/O Interface
2 x RS-232 1 x RS-422/485
1 x LPT 1 x FDD
1 x PS/2 KB/MS 1 x 6-pin wafer for KB & MS
7 x USB 2.0 (1 on rear, 6 by pin header)
4 x SATA 3Gb/s (H61 doesn't support AHCI & RAID)
- ◆ Audio
Supports 7.1 channel HD audio by IEI AC-KIT-888HD kit
- ◆ Front Panel
1 x Front panel (power LED, HDD LED, speaker, power button, reset button)
- ◆ TPM
2 x 10-pin header
- ◆ SMBus
1 x 4-pin wafer
- ◆ I2C
1 x 4-pin wafer
- ◆ Expansion
PCI signal and ISA signal via golden finger
- ◆ Watchdog Timer
Software programmable supports 1~255 sec. system reset
- ◆ Digital I/O
8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Fan Connector
1 x 4-pin smart Fan Connector
1 x 4-pin system Fan Connector
- ◆ Power Supply
5V/12V, AT/ATX support
- ◆ Power Consumption
5V@4.53A, 12V@0.19A, Vcore_12V@7.81A, 5VSB@0.18A
(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
185 mm x 122 mm
- ◆ Weight
GW: 1000g/NW: 260g



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 1.0 CPU card with LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor supported
2. Two DDR3 & DDR3L 1333/1066MHz DIMM SDRAM supported up to 16GB
3. Embedded controller on board supports infrared and PECL 2.0 technology
4. Dual Realtek PCIe GbE and LAN1 with ASF 2.0 support
5. TPM V1.2 hardware security function supported by TPM module
6. IEI One Key Recovery solution allows you to create raidp OS backup and recovery

Packing List

1 x WSB-H610 single board computer	
1 x Dual RS-232 cable w/bracket (P/N: 19800-000051-RS)	
1 x KB/MS Y cable (P/N: 32000-133200-RS)	
1 x USB cable (P/N: 19800-003100-200-RS)	1 x Mini jumper pack
2 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
WSB-H610-R10	Full-size PICMG 1.0 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, COM, HD Audio and RoHS
WSB-H610-DVI-R10	Full-size PICMG 1.0 CPU card supports 32nm LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® H61, DDR3, VGA/DVI-D, dual Realtek PCIe GbE, USB 2.0, SATA 3Gb/s, COM, HD Audio and RoHS
32006-000300-100-RS	Male PS/2 KB/MS Y-cable w/o bracket, 12cm(KB)+14cm(MS)
19800-000075-RS	6-pin header PS/2 KB/MS Y-cable with bracket, 220mm
SAIDE-KIT01-R10	SATA to IDE/CF converter board
32102-000100-300-RS	SATA power cable
19800-000049-RS	LPT cable
32229-000100-100-RS	FDD 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 Infineon TPM module, software management tool, firmware V3.17

1

Industrial Computing Solutions

2

Video Capture Solutions

3

Embedded Computing Solutions

4

ORing Network Communication

5

Power Supply/Peripherals

6

Panel Solutions Introduction