WSB-H610

Full-size PICMG 1.0 CPU card supports 32nm LGA1155 Intel® Core™ (7/i5/i3/Pentium®/Celeron®) processor

- PCIe GbE
- 1 x One Key Recovery CD (P/N: 32229-000100-100-RS)
- 1 x WSB-H610 single board computer
- 1 x Dual RS-232 cable (P/N: 19800-00075-000-RS)
- 1 x KB/MS cable (P/N: 32006-000300-000-RS)
- 1 x WSB-H610-DVI-R10
- 1 x 6-pin header PS/2 KB/MS Y-cable w/o bracket, 12cm(KB)+14cm(MS)
- 1 x WSB-H610-2012-V10

Specifications

**CPU**
- LGA1155 socket supports Intel® Core™ (7/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)
- Embedded Controller on board supports infrared and PECI 2.0 technology
- Supports 7.1 channel HD audio by IEI AC-KIT-888HD kit

**Audio**
- Supports 7.1 channel HD audio by IEI AC-KIT-888HD kit
- Supports 1~255 sec. system reset
- Software programmable supports 1~255 sec. system reset

**TPM**
- 1 x Front panel (power LED, HDD LED, speaker, power button, reset button)

**SMBus**
- 1 x SMBus

**I/O Interface**
- 2 x RS-232
- 1 x LPT
- 1 x PS2 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)

**Expansion**
- 1 x 4-pin wafer
- 1 x 4-pin wafer

**Software**
- 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
- Fan power supply 5V/12V ATXATX support
- Power Consumption 5V@8.53A, 12V@0.19A, Vcore_12V=1.81A, 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 1000g/NW: 260g

Features

1. Full-size PICMG 1.0 CPU card with LGA1155 Intel® Core™ (7/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 PECI 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. IIE One Key Recovery solution allows you to create rapid OS backup and recovery

**Ordering Information**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSB-H610-R10</td>
<td>Full-size PICMG 1.0 CPU card supports 32nm LGA1155 Intel® Core™ (7/i5/i3/Pentium®/Celeron®) processor</td>
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<tr>
<td>WSB-H610-DVI-R10</td>
<td>Full-size PICMG 1.0 CPU card supports 32nm LGA1155 Intel® Core™ (7/i5/i3/Pentium®/Celeron®) processor</td>
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<td>32006-000300-100-RS</td>
<td>Male PS2/KB/MS Y-cable w/bracket, 12cm(KB)+14cm(MS)</td>
</tr>
<tr>
<td>19800-00075-000-RS</td>
<td>6-pin header PS2/KB/MS Y-cable with bracket, 220mm</td>
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<tr>
<td>SAIDE-KIT01-R10</td>
<td>SATA to IDE/CF converter board</td>
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<tr>
<td>32102-000100-300-RS</td>
<td>SATA power cable</td>
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<tr>
<td>19800-00049-000-RS</td>
<td>Intel® H61 LPT cable</td>
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<tr>
<td>32229-000100-100-RS</td>
<td>FDD cable</td>
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<tr>
<td>AC-KIT-888HD-R10</td>
<td>7.1 channel HD audio kit with Realtek ALC888B supports dual audio streams</td>
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<tr>
<td>CPU-DT-i5-2500T</td>
<td>Intel® Core™ i5-2500T processor, LGA1155, quad core 2.5GHz, 6M cache, 45W, compatible with CF-1156C-RS CPU cooler</td>
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<td>CPU-DT-i5-2305T</td>
<td>Intel® Core™ i5-2305T processor, LGA1155, dual core 2.7GHz, 3M cache, 35W, compatible with CF-1156C-RS CPU cooler</td>
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<td>CPU-DT-i3-2100T</td>
<td>Intel® Core™ i3-2100T processor, LGA1155, dual core 2.6GHz, 5M cache, 35W, compatible with CF-1156C-RS CPU cooler</td>
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<td>CPU-DT-P-G620T</td>
<td>Intel® Pentium® G620T processor, LGA1155, dual core 2.2GHz, 3M cache, 35W, compatible with CF-1156C-RS CPU cooler</td>
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<td>CPU-DT-C-G440</td>
<td>Intel® Core™ i7-1156C-RS CPU processor, LGA1155, single core 1.6GHz, 3M cache, 35W, compatible with CF-1156C-RS CPU cooler</td>
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<tr>
<td>CF-1156A-RS-R10</td>
<td>High performance LGA1155/LGA1156 cooler kit, 1U chassis compatible, 33W</td>
</tr>
<tr>
<td>CF-1158B-RS-R10</td>
<td>High performance LGA1155/LGA1156 cooler kit, 95W</td>
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Packing List

1. 1 x WSB-H610 single board computer
2. 1 x Dual RS-232 cable w/bracket (P/N: 19800-0000511-RS)
3. 1 x KB/MS Y cable (P/N: 32000-133200-RS)
4. 1 x USB cable (P/N: 19800-003100-200-RS)
5. 2 x SATA cable (P/N: 32801-000703-200-RS)
6. 1 x Mini jumper pack
7. 1 x Utility CD
8. 1 x One Key Recovery CD
9. 1 x QIG (Quick Installation Guide)