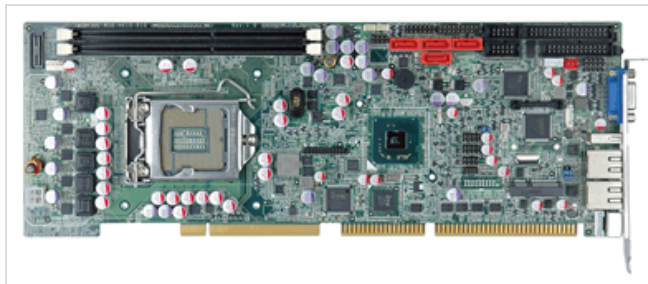


## WSB-H610

Full-size PICMG 1.0 CPU Card supports 32nm LGA 1155 Intel® Core™ i7/i5/i3, Pentium® or Celeron® CPU with Intel® H61,



## Features

- » Full-size PICMG 1.0 CPU card with LGA 1155 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported
- » Two DDR3 & DDR3L 1333/1066 MHz DIMM SDRAM supported up to 16 GB
- » Embedded controller on board supports infrared and PECI 2.0 technologies
- » Dual Realtek PCIe GbE and LAN1 with ASF 2.0 support
- » TPM V1.2 hardware security function supported by TPM module
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

| System                      |                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------|
| CPU                         | Intel® Core™ i7/i5/i3, Pentium®, Celeron® processor                                                              |
| Chipset                     | Intel® H61                                                                                                       |
| Memory                      | Two 240-pin 1333/1066MHz dualchannel DDR3 & DDR3L (1.35V) DIMMs                                                  |
| Memory Max.                 | 16GB                                                                                                             |
| Cooling method / System Fan | CF-1156A-RS-R11                                                                                                  |
|                             | CF-1156C-RS                                                                                                      |
|                             | CF-1156D-RS                                                                                                      |
|                             | CF-1156E-R11                                                                                                     |
| Physical Characteristics    |                                                                                                                  |
| Dimensions (LxWxH) (mm)     | 338 X 122                                                                                                        |
| Net Weight                  | 260                                                                                                              |
| Storage                     |                                                                                                                  |
| Storage                     | 4 x SATA :3Gb/s(no AHCI & RAID support)                                                                          |
| I/O Interface               |                                                                                                                  |
| Display Output              | 1 x VGA :up to 2048x1536@75Hz                                                                                    |
|                             | 1 x DVI-D :up to 1920x1200@60Hz(Optional)                                                                        |
| Ethernet                    | 2 x LAN :1 x Realtek RTL8111E PCIe GbE controller with ASF 2.0 support, 1 x Realtek RTL8111E PCIe GbE controller |
| Audio                       | Description: :Supports by IEI AC-KIT-892HD-R10 audio kit                                                         |
| I/O Interface               | 2 x Internal RS-232 :2x5 pin, P=2.54                                                                             |
|                             | 1 x Internal RS-422/485 :1x4 pin, P=2.0                                                                          |
|                             | 1 x External USB 2.0                                                                                             |
|                             | 6 x Internal USB 2.0 :2x4 pin, P=2.54                                                                            |
|                             | 2 x PS/2 :1 x 1x6 pin                                                                                            |
|                             | 1 x LPT :2x13 pin                                                                                                |
| Expansion                   | 1 x PCIe mini Card Slot                                                                                          |
| Other Features              |                                                                                                                  |
| TPM                         | 2x10 pin                                                                                                         |
| Power                       |                                                                                                                  |
| 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) |
| Power Supply                | 5V/12V, Support AT/ATX mode                                                                                      |

| Environment           |                          |
|-----------------------|--------------------------|
| Operating Temperature | -10°C ~ 60°C             |
| Storage Temperature   | -20°C ~ 70°C             |
| Humidity              | 5% ~ 95%, non-condensing |
| Certifications        |                          |
| Safety & EMC          | CE/FCC compliant         |

## Ordering Information

|                  |                                                                                                                                                                         |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WSB-H610-R10     | Full-size PICMG 1.0 CPU card supports 32nm LGA1155 Intel Core™ i7/i5/i3 CPU per 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 CPU per Intel H61,DDR3,VGA/DVI-D,Dual Realtek PCIe GbE,USB 2.0,SATA 3Gb/s,COM,HD Audio and RoHS |

## Packing List

|                                    |                                    |
|------------------------------------|------------------------------------|
| 1 x WSB-H610 single board computer | 1 x Dual RS-232 cable with bracket |
| 2 x SATA cable                     | 1 x KB/MS Y cable                  |
| 1 x Mini jumper pack               | 1 x USB cable                      |
| 1 x QIG                            |                                    |