

IMB-H610A/IMB-H610B

microATX motherboard supports LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® H61



Features

- » LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor supported
- » Up to 16 GB 1333 MHz dual-channel DDR3 SDRAM
- » Intel® HD Graphics technology integrates high-performance graphics and media processing
- » TPM V1.2 hardware security provided by the TPM module
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| | |
|-----------------------|---|
| CPU Cooler | |
| CPU Cooler | CF-1156A-RS-R11 |
| | CF-1156C-RS |
| | CF-1156D-RS |
| | CF-1156E-R11 |
| Display | |
| Display | Dual display supported |
| | 1 x VGA (up to 2048 x 1536 @75Hz) |
| | 1 x DVI-D (up to 1920 x 1200 @60Hz) |
| Environment | |
| Humidity | 10% ~ 95%, non-condensing |
| Operating Temperature | -10°C ~ 60°C |
| Expansion Slots | |
| Expansion Slots | 1 x PCIe x16 slot |
| | 3 x PCIe x1 slot |
| I/O Interface | |
| Audio | Realtek ALC662 HD audio codec (Line-in, Line-out, Mic) |
| Digital I/O | 8-bit programmable I/O |
| Ethernet | LAN1: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support |
| I/O Interface | |
| I/O Interface | 1 x I ² C |
| | 6 x Internal USB 2.0 |
| | 5 x RS-232 |
| | 1 x SMBus |
| | 4 x USB 2.0 |
| Power | |
| Power consumption | 3.3V@1.75A, 5V@6.61A, Vcore@3.68A, 12V@0.09A, 5sb@0.12A (Intel® 2.60GHz CPU with two 1333MHz 4GB DDR3 memory) |
| System | |

| | |
|----------------|--|
| Chipset | Intel® H61 |
| CPU | Intel® Core™ i7/i5/i3 quad/ dual, Pentium® dual and Celeron® dual/single core processors |
| CPU Socket | LGA1155 |
| Memory Max. | Two 240-pin 1333/1066 MHz dual-channel unbuffered DDR3 SDRAM DIMMs supported (system max. 16GB) |
| Storage | 4 x SATA 3Gb/s without RAID & AHCI |
| Watchdog Timer | |
| Watchdog Timer | Software programmable supports 1~255 sec |

Ordering Information

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|---------------|---|
| IMB-H610B-R10 | microATX motherboard supports LGA1155 Intel Core i7/i5/i3/Pentium/Celeron CPU with Intel H61, DDR3, VGA/DVI-D, Dual Realtek PCIe GbE, USB 2.0, 10xCOM, SATA 3Gb/s, HD Audio and RoHS |
| IMB-H610A-R10 | Micro ATX Motherboard 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, 6xCOM,SATA 3Gb/s, HD Audio and RoHS |

Packing List

| | |
|------------------------------------|-------------------|
| 1 x IMB-H610 single board computer | 1 x I/O shielding |
| 1 x Mini jumper pack | 4 x SATA cable |
| 1 x QIG | |