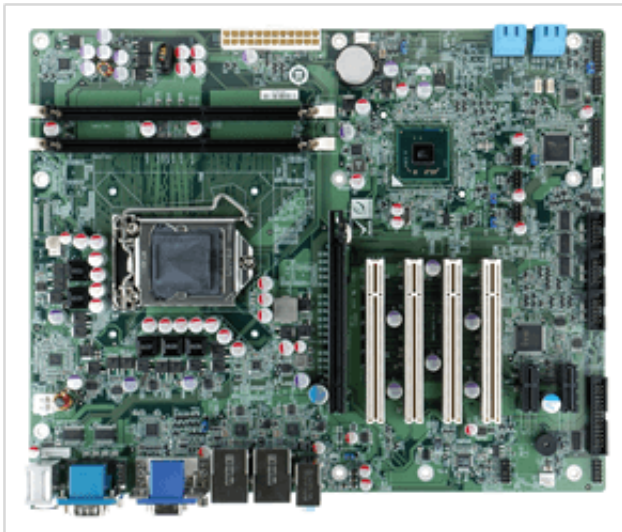


IMBA-H610

ATX 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

| System | |
|--------------------------|---|
| CPU | LGA1155 socket supports Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor |
| Chipset | Intel® H61 |
| Memory | Two 240-pin 1333/1066 MHz dual-channel DDR3 SDRAM unbuffered DIMMs |
| Memory Max. | 16GB |
| Physical Characteristics | |
| Dimensions (LxWxH) (mm) | 244 X 305 |
| Net Weight | 700g |
| Storage | |
| Storage | 4 x SATA :3Gb/s (AHCI supported) |
| I/O Interface | |
| Display Output | 1 x VGA :up to 2048x1536@75Hz 1 x DVI-D :up to 1920x1200@60Hz |
| Ethernet | 2 x LAN :LAN1: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support LAN2: Realtek RTL8111E PCIe GbE controller |
| Audio | Description: Realtek ALC662 HD codec supports 5.1-channel 1 x Line in :on rear IO 1 x Line out :on rear IO 1 x Mic :on rear IO 1 x Front Audio :2x5 pin |
| I/O Interface | 2 x External RS-232 4 x Internal RS-232 :2x5 pin, p=2.54 1 x Internal RS-422/485 :1x4 pin, p=2.0 4 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 DIO :8-bit digital I/O (2x5 pin) 1 x LPT :2x13 pin, p=2.54 |
| Expansion | 1 x PCIe x16 |

| | |
|-----------------------|---|
| | 2 x PCIe x1 |
| | 4 x PCI Slot |
| Other Features | |
| TPM | 2x10 pin |
| Power | |
| Power Consumption | 3.3V@1.27A, 5V@3.87A, 12V@0.54A, Vcore@7.67A, 5Vsb@0.15A (Intel® Core™ i7- 2600K 3.40GHz CPU with two 1333 MHz 2 GB DDR3 memory) |
| Power Supply | Support 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

| | |
|---------------|---|
| IMBA-H610-R10 | ATX Motherboard 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,HD Audio and RoHS |
|---------------|---|

Packing List

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