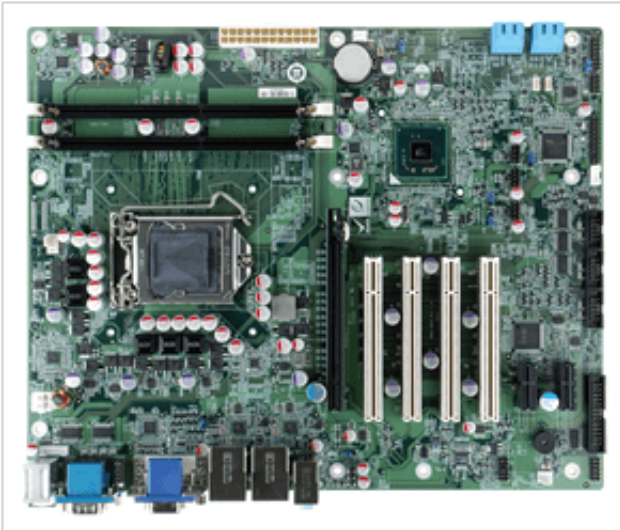


# IMBA-H610

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
<b>Other Features</b>	
TPM	2x10 pin
<b>Power</b>	
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
<b>Environment</b>	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	5% ~ 95%, non-condensing
<b>Certifications</b>	
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
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## 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	