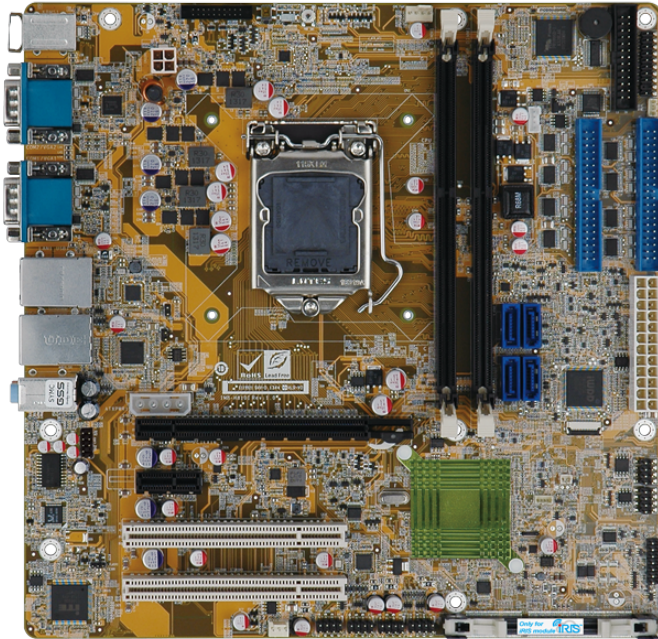


# IMB-H810

microATX motherboard supports 22nm LGA1150 Intel® Core™ i7/i5/i3, Pentium®, Celeron® CPU per Intel® H81



## Features

- » LGA1150 4th generation Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported
- » Dual-channel DDR3 1333/1600 MHz support up to 16 GB
- » Intel® HD Graphics technology integrates high-performance graphics and media processing
- » Supports legacy PCI 32-bit 33/66 MHz
- » Ten COM ports, USB 3.0 and SATA supported
- » TPM V1.2 hardware security function supported by TPM module
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery
- » Support IPMI 2.0 via iRIS-2400 module
- » IEI jumper-less function

## Specifications

System	
CPU	LGA1150 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported
Chipset	Intel® H81
Memory	Two 240-pin 1600/1333 MHz dualchannel DDR3 & DDR3L SDRAM unbuffered DIMMs
Memory Max.	16GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	244 X 244
Net Weight	680g
Storage	
Storage	4 x SATA :2 x 3Gb/s, 2 x 6Gb/s
I/O Interface	
Display Output	2 x VGA :up to 1920x1200@60Hz 1 x iDP :interface for HDMI™, LVDS, VGA, DVI, DP (up to 3840x2160@60Hz)
Ethernet	2 x LAN :LAN1: Intel® I217LM with Intel® AMT9.0 support LAN2: Intel® I210-AT PCIe controller with NCSI
Audio	Description: Realtek ALC662 HD Audio 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 8 x Internal RS-232 :2x20 pin, p=2.54 1 x Internal RS-422/485 :1x4 pin, p=2.0 2 x External USB 2.0 2 x External USB 3.2 Gen1x1 1 x PS/2 1 x LPT :2x13 pin, p=2.54

Expansion	1 x PCIe x16 :Gen 3
	1 x PCIe x1
	2 x PCI Slot
Other Features	
TPM	2x10 pin
Power	
Power Consumption	3.3V@0.64A, 5V@4.20A, 12V@0.14A,
	Vcore_12V@3.88A, 5VSB@0.20A
	(Intel® Core™ i7-4770K 3.90 GHz CPU with 8
	GB (two 4 GB) 1333 MHz DDR3 memory)
Power Supply	Support ATX mode
Environment	
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~ 95%, non-condensing
Certifications	
Safety & EMC	CE/FCC compliant

## Ordering Information

IMB-H810-i2-R11	Micro ATX Motherboard supports 22nm LGA1150 Intel® Core™ i7/i5/i3 CPU per Intel® H81, DDR3, VGA, Dual Intel PCIe GbE, USB 2.0, PCI, COM, LPT, SATA 3Gb/s, HD Audio, iRIS and RoHS
IMB-H810-ECO-R11	LGA1150 Intel® Core™ i7/i5/i3, Pentium® and Celeron® CPU per Intel® H81, DDR3, VGA, Dual PCIe GbE, USB 2.0, COM, LPT, SATA 6Gb/s, HD Audio, ECO packing, RoHS

## Packing List

1 x IMB-H810-i2 single board computer	2 x SATA cable
1 x I/O shielding	1 x QIG