

# IMB-H110

microATX Motherboard supports 14nm LGA1151 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor



## Features

- » LGA 1151 socket supports Intel® 6th/7th generation Core™ i7/i5/i3, Pentium® or Celeron® processor supported
- » Dual-channel DDR4 2133MHz support up to 64GB
- » Support Dual displays via VGA/DVI-I/LVDS
- » USB 3.0 and SATA 6Gb/s supported
- » 12 COM & 12 USB
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

| System                   |  |
|--------------------------|--|
| CPU                      | LGA 1151 socket supports Intel® 6th/7th generation Core™ i7/i5/i3, Pentium® or Celeron® processor  |
| Chipset                  | Intel® skylake H110  |
| Memory                   | Two 288-pin 2133MHz Dual-Channel DDR4 SDRAM Unbuffered DIMM  |
| Memory Max.              | 64GB   |
| Physical Characteristics |  |
| Net Weight               | 700g   |
| Storage                  |  |
| Storage                  | 4 x SATA :6Gb/s  |
| I/O Interface            |  |
| Display Output           | 1 x VGA :up to 1920x1200@60Hz<br>1 x DVI-I :up to 1920x1200@60Hz<br>1 x LVDS :18/24-bit dual-channel (up to 1920x1200@60Hz)<br>1 x iDP :interface for HDMI™, LVDS, VGA, DVI, DP (up to 3840x2160@60Hz)                           |
| Ethernet                 | 2 x LAN :LAN1: RTL 8111GN controller<br>LAN2: RTL 8111GN controller  |
| Audio                    | Description: Realtek ALC662 HD Audio codec supports 5.1-channel<br>1 x Line in :on rear IO<br>1 x Line out :on rear IO<br>1 x Mic :on rear IO  |
| I/O Interface            | Internal RS-232 :2x5 pin, p=2.0<br>2 x Internal RS-232/422/485 :2x5 pin , p=2.0<br>6 x External USB 2.0<br>4 x External USB 3.2 Gen1x1<br>2 x Internal USB 2.0 :2x4 pin, p=2.0<br>1 x PS/2 :1x6 pin<br>1 x LPT :2x13 pin, p=2.54 |
| Expansion                | 1 x PCIe x16 :Gen3<br>1 x PCIe x1 :Gen2<br>2 x PCI Slot<br>1 x PCIe mini Card Slot :Full-size slot   |

| Other Features        |   |
|-----------------------|---|
| TPM                   | 2 x 10 pin  |
| Power                 |   |
| Power Consumption     | 3.3V@ 0.93A, 5V@2.99A, 12V@6.88A, 5VSB@0.02A (Intel® Core™ i7-6700K 4.0GHz<br>CPU with 16GB (two 8GB) 2133 MHz DDR4 memory) |
| Power Supply          | Support AT/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-H110-R10 | microATX Motherboard supports 14nm LGA1151 6th Generation Intel®Core i7/i5/i3, Pentium® or Celeron® processor per Intel®H110 , DDR4 , VGA/DVI-I/LVDS, Dual GbE LAN, USB 3.0, SATA 6Gb/s, HD Audio and RoHS |
|--------------|--|

## Packing List

|                          |                |
|--------------------------|----------------|
| 1 x IMB-H110 motherboard | 2 x SATA cable |
| 1 x I/O shielding        | 1 x QIG        |