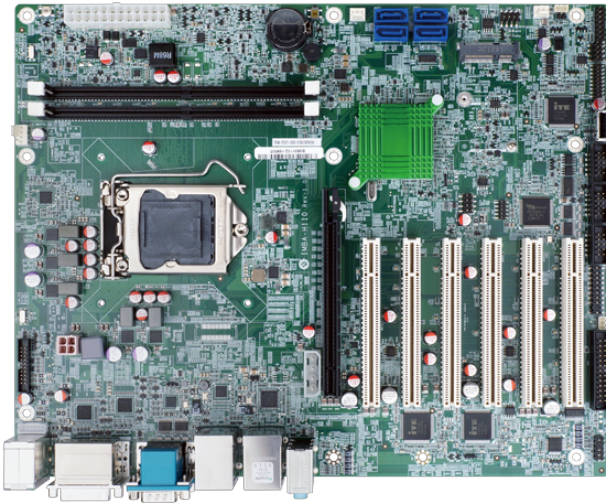


# IMBA-H110

ATX motherboard supports 14nm LGA1151 6th Generation Intel® Core™ i7/i5/i3, Celeron® and Pentium® processor



## Features

- » LGA 1151 Intel® 6th/7th generation Core™ i7/i5/i3, Pentium® or Celeron® processor supported
- » Dual-channel DDR4 2133 MHz
- » Support dual displays with DVI-I/HDMI™+DP/iDP
- » Support USB 3.0 and SATA 6Gb/s
- » 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® H110   |
| Memory                   | Two 288-pin 2133 MHz dual-channel DDR4 SDRAM unbuffered DIMMs   |
| Memory Max.              | 64GB  |
| Physical Characteristics |   |
| Dimensions (LxWxH) (mm)  | 244 X 305   |
| Net Weight               | 700g  |
| Storage                  |   |
| Storage                  | 4 x SATA :6Gb/s   |
| I/O Interface            |   |
| Display Output           | 1 x DVI-I :up to 1920x1200@60Hz<br>1 x HDMI™ :1.4 (up to 4096x2160@24Hz)<br>1 x iDP :interface for HDMI™, LVDS, VGA, DVI, DP (up to 3840x2160@60Hz)   |
| Ethernet                 | 2 x LAN :LAN1: Intel® I219LM PCIe controller<br>LAN2: Intel® I211 PCIe controller   |
| Audio                    | Description: Realtek ALC662 HD codec supports 5.1-channel<br>Line in :on rear IO<br>Line out :on rear IO<br>Mic :on rear IO<br>Front Audio  |
| I/O Interface            | 2 x External RS-232<br>2 x Internal RS-232 :2x5 pin, p=2.54<br>1 x Internal RS-232/422/485 :2x5 pin, p=2.54<br>2 x External USB 2.0<br>4 x External USB 3.2 Gen1x1<br>3 x Internal USB 2.0 :1 X A type, 2 X 2x4 pin, p=2.54<br>1 x PS/2 :1x6 pin<br>1 x DIO :8-bit digital I/O (2x5 pin)<br>1 x LPT :2x13 pin, p=2.54 |
| Expansion                | 1 x PCIe x16 :Gen3  |

|                       |   |
|-----------------------|---|
|                       | 6 x PCI Slot  |
|                       | 1 x PCIe mini Card Slot :Full-size slot (support mSATA)                     |
| <b>Other Features</b> |   |
| TPM                   | 2 x 10 pin  |
| <b>Power</b>          |   |
| Power Consumption     | 3.3V@1.53A, 5V@2.95A, 12V@8.38A, 5VSB@3.2A                                  |
|                       | (Intel® Core™ i7 6700K 4.0GHz CPU with 16GB (two 8GB) 2133 MHz DDR4 memory) |
| <b>Environment</b>    |   |
| Operating Temperature | -20°C ~ 60°C  |
| Storage Temperature   | -30°C ~ 70°C  |
| Humidity              | 5% ~ 95%, non-condensing  |
| <b>Certifications</b> |   |
| Safety & EMC          | CE/FCC compliant  |

## Ordering Information

|               |  |
|---------------|--|
| IMBA-H110-R10 | ATX Motherboard supports 14nm LGA1151 6th Generation Intel® Core i7/i5/i3, Celeron® and Pentium® processor , DDR4, Dual Independent Displays DVI-I/HDMI™/iDP, Dual®Intel GbE LAN, USB 3.0, SATA 6Gb/s, HD Audio and RoHS |
|---------------|--|

## Packing List

|                                     |                |
|-------------------------------------|----------------|
| 1 x IMBA-H110 single board computer | 2 x SATA cable |
| 1 x I/O shielding                   | 1 x QIG        |