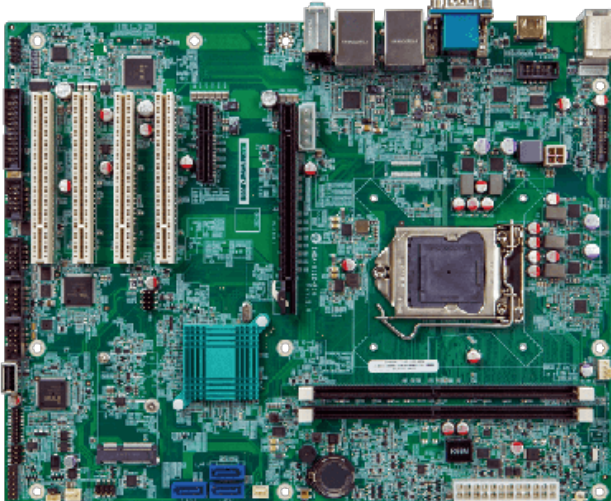


IMBA-H112

ATX Motherboard supports 14nm LGA1151 6th/7th Generation Intel® Core i7/i5/i3, Celeron® and Pentium® processor, DDR4, Dual Independent Displays VGA and HDMI™, Dual Intel® GbE LAN, USB 3.2, SATA 6Gb/s, HD Audio and RoHS

Features



1. LGA 1151 Intel® 6th/7th generation Core™ i7/i5/i3, Pentium® or Celeron® processor supported
2. Dual-channel DDR4 2133MHz
3. Support dual displays with VGA/HDMI™/iDP
4. Support USB 3.2 Gen 1 (5Gb/s) and SATA 6Gb/s

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) | 243.8 X 304.8 |
| Net Weight | 700g |
| Storage | |
| Storage | 1 x SATA :support Hot plug |
| I/O Interface | |
| Display Output | 1 x VGA :up to 1920x1080@60Hz |
| | 1 x HDMI™ :up to 4096x2160@24Hz |
| | 1 x iDP :for HDMI™, LVDS, VGA, DVI, DP (up to 3840x2160@60Hz) |
| Ethernet | 2 x LAN :LAN1: Intel® I219V PHY; |
| | LAN2: Intel® I211 PCIe controller; |
| Audio | Description: Realtek ALC662 HD Audio Codec support 5.1 Channel |
| | 1 x Line in |
| | 1 x Line out |
| | 1 x Mic |
| | 1 x Front Audio :2x5-pin pin header |
| I/O Interface | 1 x External RS-232 |
| | 4 x Internal RS-232 :2x5 pin, P=2.54 |
| | 1 x Internal RS-232/422/485 :2x5 pin, P=2.54 |
| | 2 x External USB 2.0 |
| | 4 x External USB 3.2 Gen1x1 |

| | |
|-----------------------|---|
| | 3 x Internal USB 2.0 :1 X type A, 2 X 2x4 pin, P=2.54 |
| | 1 x LPT :2x13 pin, P=2.54 |
| Expansion | 1 x PCIe x16 :Gen3 |
| | 1 x PCIe x4 |
| | 4 x PCI Slot |
| | 1 x PCIe mini Card Slot :Full-size (support mSATA) |
| Power | |
| Power Consumption | 3.3V@1.53A, 5V@2.95A, 12V@8.38A, 5VSB@3.2A (4.0 GHz Intel® Core™ i7-6700K CPU with two 8 GB 2133 MHz DDR4 memory) |
| Environment | |
| Operating Temperature | -20°C ~ 60°C |
| Storage Temperature | -20°C~70°C |
| Humidity | 5% ~ 95%, non-condensing |
| Certifications | |
| Safety & EMC | CE/FCC compliant |

Ordering Information

| | |
|-------------------|---|
| IMBA-H112-R10 | ATX Motherboard supports 14nm LGA1151 6th Generation Intel® Core i7/i5/i3, Celeron® and Pentium® processor, DDR4, Dual Independent Displays VGA and HDMI™, Dual Intel® GbE LAN, USB 3.1, SATA 6Gb/s, HD Audio and RoHS |
| IMBA-H112-ECO-R10 | ATX Motherboard supports 14nm LGA1151 6th/7th Generation Intel® Core i7/i5/i3, Celeron® and Pentium® processor, DDR4, Dual Independent Displays VGA and HDMI™, Dual Intel® GbE LAN, USB 3.2, SATA 6Gb/s, HD Audio, ECO packing and RoHS |

Packing List

| | |
|-------------------------------------|-------------------|
| 1 x IMBA-H112 single board computer | 1 x I/O shielding |
| 2 x SATA cable | 1 x QIG |