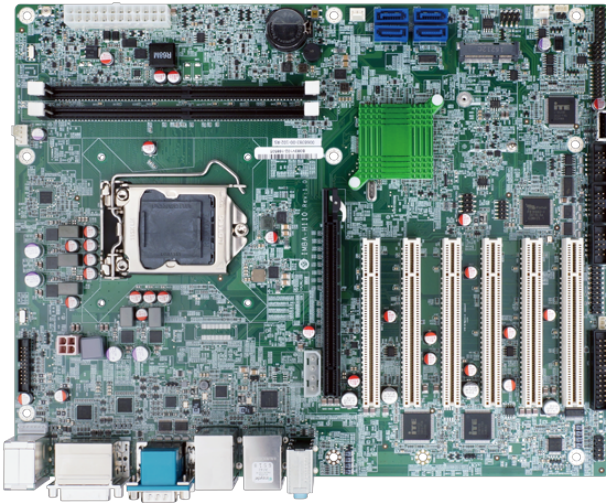


# IMBA-H110

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
	1 x HDMI™ :1.4 (up to 4096x2160@24Hz)
	1 x iDP :interface for HDMI™, LVDS, VGA, DVI, DP (up to 3840x2160@60Hz)
Ethernet	2 x LAN :LAN1: Intel® I219LM PCIe controller
	LAN2: Intel® I211 PCIe controller
Audio	Description: Realtek ALC662 HD codec supports 5.1-channel
	Line in :on rear IO
	Line out :on rear IO
	Mic :on rear IO
I/O Interface	Front Audio
	2 x External RS-232
	2 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 A type, 2 X 2x4 pin, p=2.54
	1 x PS/2 :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 :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
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## Packing List

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