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
	1 x DVI-I :up to 1920x1200@60Hz
	1 x LVDS :18/24-bit dual-channel (up to 1920x1200@60Hz)
	1 x iDP :interface for HDMI™, LVDS, VGA, DVI, DP (up to 3840x2160@60Hz)
Ethernet	2 x LAN :LAN1: RTL 8111GN controller
	LAN2: RTL 8111GN controller
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
I/O Interface	Internal RS-232 :2x5 pin, p=2.0
	2 x Internal RS-232/422/485 :2x5 pin , p=2.0
	6 x External USB 2.0
	4 x External USB 3.2 Gen1x1
	2 x Internal USB 2.0 :2x4 pin, p=2.0
	1 x PS/2 :1x6 pin
	1 x LPT :2x13 pin, p=2.54
Expansion	1 x PCIe x16 :Gen3
	1 x PCIe x1 :Gen2
	2 x PCI Slot
	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
	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