

Preliminary

## IMB-192

Mini-ITX Motherboard

coming soon

## Spotlight Features

- Socket LGA1151 for Intel® Core i7/i5/i3/Pentium/Celeron (Skylake)
- Integrated Intel® HD Graphics Built-in Visuals
- Supports DDR4 2133MHz, 2 x SO-DIMM, up to 32GB system memory
- 1 x VGA , 1 x HDMI , 1 x LVDS
- 2 x USB 3.0 , 2 x USB 2.0 , 2 x SATA3
- 1 x M.2 (Key E) , 1 M.2 (Key M)
- Gigabit LAN : 1 x IntelLAN
- DC 19V power input
- TPM Header

## Specifications

Processor System	
Dimension	Mini-ITX (6.7-in x 6.7-in)
CPU	Socket LGA1151 for Intel® Core i7/i5/i3/Pentium/Celeron (Skylake)
Core Number	(by CPU, Max 4)
Max Speed	(by CPU)
L3 Cache	(by CPU)
Chipset	H110
BIOS	UEFI
Expansion Slot	
PCIe	1 x PCI Express 3.0 x 4 Slot
Mini PCIe	0
M.2	1 x M.2 Socket (Key E), supports type 2230 WiFi/BT module 1 x M.2 Socket (Key M), supports type 2242/2260
mSATA	0
Memory	
Technology	Dual Channel DDR4 2133MHz
Max.	32GB
Socket	2 x SO-DIMM
Graphics	
Controller	Intel® HD Graphics 510/530
VRAM	Shared Memory
VGA	Supports max resolution up to 1920x1200 @ 60Hz
LVDS	Supports max resolution up to 1920 x 1200@60Hz @60Hz
HDMI	Supports max resolution up to 4K x 2K (4096x2160) @ 24Hz / (3840x2160) @ 30Hz
DVI	No
DisplayPort	No
Multi Display	Dual
Ethernet	
Interface	10/100/1000 Mbps
Controller	1 x Intel® I219V
Connector	1 x RJ45
SATA	
Max Data Transfer Rate	SATA3 (6.0Gb/s)

Rear I/O	
VGA	1
DVI	0
HDMI	1
DisplayPort	0
Ethernet	1
USB	4 x USB3.0
Audio	2 (Mic-in, Line-out)
Serial	0
PS/2	0

Internal Connector	
USB	5 x USB 2.0 (2 x 2.54 pitch header , 1 x Type A)
LVDS/Inverter	1/1
VGA	0
Serial	2 x 2.0 pitch header RS-232
SATA	2 x SATA3 (6.0Gb/s)
mPCIe	0
Parallel	0
mSATA	0
IrDA	0
GPIO	0
SATA PWR Output Con	1
Speaker Header	1

Watchdog Timer	
Output	From Super I/O to drag RESETCON#
Interval	256 segments, 0,1,2...255sec/min

Power Requirements	
Input PWR	19V phone jack DC-In
Power On	AT/ATX Supported AT : Directly PWR on as Power input ready ATX: Press Button to PWR on after Power input ready

Environment	
Operating Temperature	0°C – 60°C