



IMB 192 Mini ITX Board

- 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
- 4 x USB 3.0, 5 x USB 2.0, 2 x SATA3
- 1 x M.2 (Key E), 1 M.2 (Key M)
- Gigabit LAN : 1 x Intel® LAN
- DC 19V power input
- TPM Header

This model may not be sold worldwide. Please contact your local dealer for the availability of this model in your region.



Specification

Form Factor

Dimensions - Mini-ITX

• Processor System

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 PCIe 3.0 x4

- Mini-PCIe - 0
- mSATA - 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

Memory Technology - Dual Channel DDR4 2133 MHz

- 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
- DVI - No
- LVDS - Supports max resolution up to 1920x1200@60Hz @60Hz
- HDMI - Supports max resolution up to 4K x 2K (4096x2160) @ 24Hz /(3840x2160) @ 30Hz
- DisplayPort - No
- MultiDisplay - Dual

Ethernet - 10/100/1000 Mbps

- Controller - 1 x Intel® I219V
- Connector - 1 x RJ45

Storage Max Data Transfer Rate

- SATA3 (6.0Gb/s)

Rear I/O VGA - 1

- DVI - 0
- HDMI - 1
- DisplayPort - 0
- Ethernet - 1
- USB - 4 x USB 3.0
- Audio - 2 (Mic-in, Line-out)
- Serial - 0 PS2 - 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 - 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

Environmental - Operating Temp - 0°C ~ 60°C Storage Temp - -40° C – 85° C