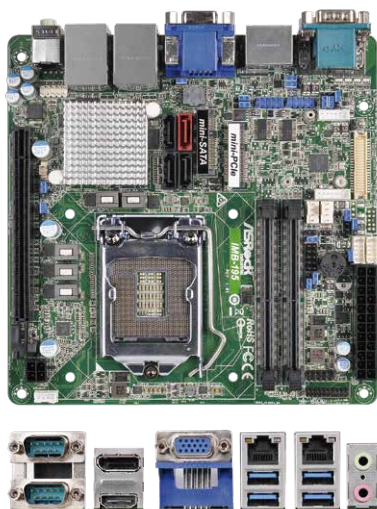


# IMB-195

## Mini-ITX Motherboard



### KEY FEATURES

- Supports Intel® 7<sup>th</sup>/ 6<sup>th</sup> Gen (Kabylake-S/Skylake-S) Core™ Processors (Socket 1151)
- Supports Dual Channel DDR4 SO-DIMM 2133, up to 32GB
- 1 x VGA, 1 x HDMI, 1 x Displayport, 1 x LVDS
- 4 x USB 3.0, 4 x USB 2.0, 2 x SATA3, 4 x COM
- 1 x Mini-PCIe, 1 x PCIe x16 Slot, 1 x mSATA
- 2 x Intel® LAN,
- 1 x TPM Header
- ATX PWR Con (24+4-pin)

### Specifications

#### Form Factor

Dimensions	Mini-ITX (6.7-in x 6.7-in)
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#### Processor System

CPU	Supports Intel® 7 <sup>th</sup> / 6 <sup>th</sup> Gen (Kabylake-S/Skylake-S) Core™ Processors (Socket 1151)
Chipset	Intel® H110

#### Expansion Slot

PCIe	1 x PCIe x16
Mini-PCIe	1 x full/half size with PCIe x1 and USB2.0
M.2	N/A
mSATA	1 x full size with SATA3 (shared) and USB2.0

#### Memory

Technology	Dual Channel DDR4 2133MHz
Max.	32GB
Socket	2 x SO-DIMM

#### Graphics

Controller	Intel® Gen9 Graphics DX 11/12
HDMI	HDMI 1.4b Max resolution up to 4096x2160 @24Hz
DisplayPort	DisplayPort 1.2a, DP++ Max resolution up to 4096x2304@60Hz
VGA	Max resolution up to 1920x1200@60Hz
LVDS	Dual channel 24 bit up to 1920x1200@60Hz
eDP	N/A
DVI	N/A
Multi Display	Dual Display

#### Ethernet

Interface	LAN1: 1 x Intel® I210 with 10/100/1000 Mbps LAN2: 1 x Intel® I219V with 10/100/1000Mbps
Controller	2 x RJ-45

#### Rear I/O

VGA	1
DVI	N/A
HDMI	1
DisplayPort	1
Ethernet	2
USB	4 x USB 3.0
Audio Jack	2 (Mic-in, Line-out)
Serial	COM1(RS-232/422/485), COM2(RS-232)
PS/2	N/A

#### Internal Connector

USB	4 x USB 2.0
LVDS	1
eDP	N/A
VGA	N/A
Serial	2 x COM (RS-232)
SATA	4 x SATA3
Parallel	N/A
GPIO	4 x GPI + 4 x GPO
SATA PWR Output Con	N/A
Speaker Header	1
TPM	1 x Header

#### Watchdog Timer

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

#### Power Requirements

Input PWR	ATX PWR Con (24+4-pin)
Power On	AT/ATX Supported AT : Directly PWR on as power input ready ATX : Press button to PWR on after power input ready

#### Environment

Temperature	0°C – 60°C
Storage Temperature	-40°C – 85°C