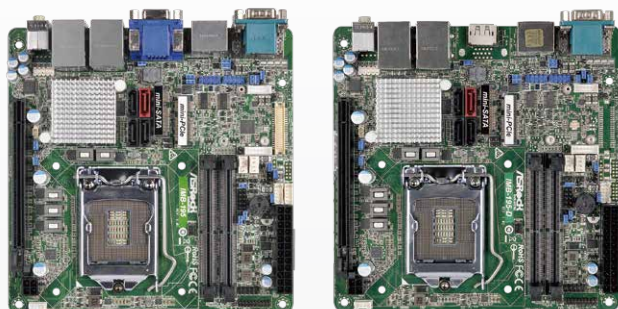


IMB-195 / IMB-195-D

Mini-ITX Motherboard



IMB-195



IMB-195-D

Spotlight Features

- Supports Intel® 7th/ 6th 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 (IMB-195)
- 1 x HDMI, 2 x Displayport, 1 x eDP (IMB-195-D)
- 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		IMB-195	IMB-195-D
Dimensions	Mini-ITX (6.7-in x 6.7-in)		
Processor System			
CPU	Supports Intel® 7 th / 6 th 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, OGL4.3/4.4		
VGA	Supports max resolution up to 1920 x 1200		
LVDS	Supports max resolution up to 1920 x 1200@60Hz		
eDP	Supports max resolution up to 4096 x 2160 @30Hz		
HDMI	Supports max resolution up to 4096 x 2160 @30Hz		
DVI	N/A		
DisplayPort	Supports max resolution up to 4096 x 2160@60Hz		
Multi Display	Dual Display		
Ethernet			
Interface	10/100/1000 Mbps		
Controller	1 x Intel I219V, 1 x Intel I210		

Rear I/O			IMB-195	IMB-195-D
VGA			1	N/A
DVI			N/A	
HDMI			1	
DisplayPort			1	2
Ethernet			2	
USB			4 x USB 3.0	
Audio Jack			2 (Mic-in, Line-out)	
Serial			2 x COM (RS232/422/485)	
PS/2			N/A	

Internal Connector			
USB		4 x USB 2.0	
LVDS		1	N/A
eDP		N/A	1
VGA		N/A	
Serial		2 x COM (RS-232)	1 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