



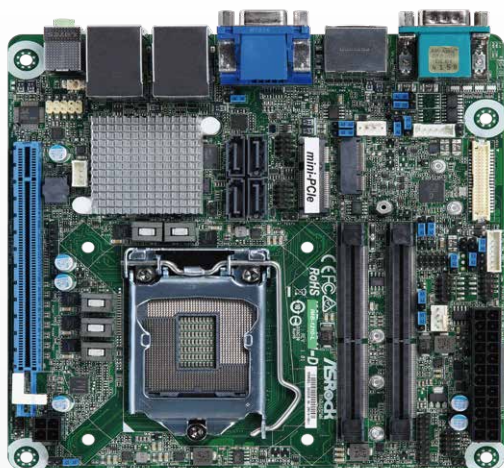
Preliminary

IMB-1210-L / IMB-1210-D

Mini-ITX Motherboard

Spotlight Features

- Socket LGA 1151 for Intel Core i7/i5/i3/Celeron
- Supports Dual Channel DDR4 SO DIMM 2400/2666, up to 32GB
- 2 x Displayport, 1 x VGA, 1 x Dual Channel 24-bit LVDS (IMB-1210-L)
- 3 x Displayport, 1 x eDP (IMB-1210-D)
- 4 x USB 3.0, 4 x USB 2.0, 4 x SATA3, 4 x COM
- 1 x PCIe x16, 1 x Mini-PCIe, 1 x M.2 Key E, 1 x M.2 Key M
- 2 x Intel LAN
- 1 x TPM header
- ATX PWR 24+4-pin



IMB-1210-L



IMB-1210-D

Specifications

Processor System	IMB-1210-L	IMB-1210-D
Dimensions	Mini-ITX (6.7-in x 6.7-in)	
CPU	Socket LGA 1151 for Intel® Core i7/i5/i3/Celeron	
Chipset	Intel® H310	

Expansion Slot	
PCIe	1 x PCIe x16
Mini-PCIe	1 x Full/Half mini-PCIe with PCIe x1 and USB 2.0
M.2	1x M.2 (Key E, 2230) with PCIe x1, CNVI and USB2.0 for Wireless 1x M.2 (Key M, 2242/2260/2280) with shared SATA3 for SSD
mSATA	N/A

Memory	
Technology	Dual Channel DDR4 2400/2666 MHz
Max	32 GB
Socket	2 x SO-DIMM

Graphics	
Controller	Intel HD Graphics (By CPU)
VGA	Supports max resolution up to 1920x1200@60Hz N/A
DVI	N/A
LVDS	Supports max resolution up to 1920x1200@60Hz N/A
eDP	N/A Supports max resolution up to 4096x2304@60Hz
HDMI	N/A
DisplayPort	Supports max resolution up to 4096x2304@60Hz
Multi Display	Dual Display

Ethernet	
Interface	10/100/1000 Mbps
Controller	1 x Intel I210, 1 x Intel I219V

Rear I/O	IMB-1210-L	IMB-1210-D
VGA	1	N/A
HDMI	N/A	
DisplayPort	2	3
Ethernet	2	
USB	4 x USB 3.0	
Serial	1 x COM(RS-232/424/485), 1 x COM (RS-232)	
Audio Jack	2 (Mic-in, Line-out)	
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)
SATA	4 x SATA3 (6.0Gb/s), one is shared with M.2 Key M
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...255 Sec/Min

Power Requirements	
Input PWR	ATX PWR 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	
Operating Temperature	0°C – 60°C
Storage Temperature	-40°C – 85°C