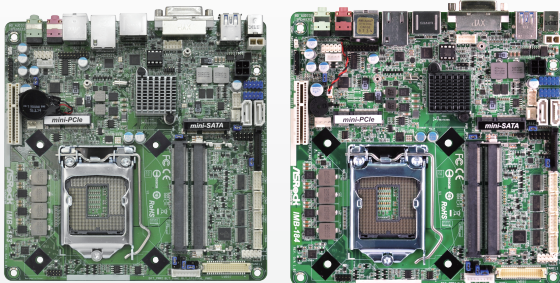


IMB-183 / IMB-184

Mini-ITX Motherboard



IMB-183

IMB-184



Spotlight Features

- Supports Intel® 4th Gen (Haswell-S) Core™ Processors (Socket 1150)
- Supports Dual Channel DDR3 SO-DIMM 1600, up to 16GB
- 1 x HDMI, 1 x DVI, 1 x LVDS
- 2 x USB 3.0, 6 x USB 2.0, 2 x SATA3
- 1 x Mini-PCIe, 1 x PCIe x4, 1 x mSATA
- 1 x Intel® LAN
- 1 x TPM Header
- DC 12-19 input

Specifications

Processor System	IMB-183	IMB-184
Dimensions	Mini-ITX (6.7-in x 6.7-in)	
CPU	Supports Intel® 4th Gen (Haswell-S) Core™ Processors	
Chipset	Intel® H81	Intel® Q87

Expansion Slot	
PCIe	1 x PCIe x4
Mini-PCIe	1 half size (Supports USB device)
M.2	N/A
mSATA	1

Memory	
Technology	Dual Channel DDR3L 1333/1600MHz
Max	16GB
Socket	2 x SO-DIMM

Graphics		
Controller	Intel HD Graphics (By CPU)	
VGA	Internal header (share with DVI)	
LVDS	1	
eDP	N/A	
HDMI	Supports max resolution up to 4096 x 2304	
DVI	Supports max resolution 1920 x 1200	
DisplayPort	N/A	
Multi Display	Dual Display	Triple Display

Ethernet		
Interface	10/100/1000 Mbps	
Controller	1 x Intel I217V	Intel I217LM

Rear I/O	IMB-183	IMB-184
VGA	N/A	
DVI	1	
HDMI	1	
DisplayPort	N/A	
Ethernet	1	
USB	2 x USB 3.0, 2 x USB 2.0	
Audio Jack	2 (Mic-in, Line-out)	
Serial	N/A	
PS/2	N/A	

Internal Connector	
USB	4 x USB 2.0
LVDS	1
eDP	N/A
VGA	1
Serial	3 x COM (RS-232), 1 x COM (RS-232/422/485)
SATA	2 x SATA3
Parallel	N/A
GPIO	4 x GPI + 4 x GPO
SATA PWR Output Con	1
Speaker Header	1
TPM	1 x Header

Watchdog Timer	
Output	Output from super I/O to drag RESETCON#
Interval	256 Segments, 0,1,2...255 Sec/Min

Power Requirements	
Input PWR	DC 12-19 input
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

The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.

Assured Systems

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