



IMB-185

Mini-ITX Motherboard

Spotlight Features

- Socket LGA1150 for Intel Core i7/i5/i3/Celeron (Haswell)
- Intel® H81 Chipset
- Integrated Intel® HD Graphics Built-in Visuals
- Supports DDR3 1600MHz, 2 x SO-DIMM, up to 16GB system memory
- 3 x COM (RS-232/422/485), 3 x COM (RS-232)
- 1 x VGA, 1 x HDMI, 1 x 24 bit Dual Channel LVDS
- 2 x USB 3.0, 8 x USB 2.0, 2 x SATA3, 2 x SATA2
- 1x mSATA, 1 x PCIE (x16),
- Gigabit LAN: 1 x Intel I210, LAN2: 1 x Intel I217V
- 1 x TPM Header

Specifications

Processor System	
Dimension	Mini-ITX (6.7-in x 6.7-in)
CPU	Socket LGA1150 for Intel Core i7/i5/i3/Celeron (Haswell)
Core Number	(By CPU Max 4)
Max Speed	(By CPU)
L3 Cache	(By CPU)
Chipset	H81
BIOS	UEFI
Expansion Slot	
PCI	0
Mini-PCIe	0
mSATA	1
PCIe	1 (x16)
CFast Card Socket	0
Memory	
Technology	Dual Channel DDR3 1066/1333/1600 MHz SDRAM
Max.	16GB
Socket	2 x SO-DIMM
Graphics	
Controller	Intel HD Graphics (By CPU)
VRAM	Shared Memory
VGA	Supports max resolution 1920X1200
LVDS	1
HDMI	Supports HDMI 1.4a, max resolution 4096X2304
DVI	0
Display Port	0
Multi Display	Yes (dual display)
Ethernet	
Interface	10/100/1000 Mbps
Controller	GbE LAN1: Intel I210, LAN2: Intel I217V (w/o v-Pro support)
Connector	2 x RJ 45
SATA	
Max Data Transfer Rate	SATA2 (3.0Gb/S), SATA3 (6.0Gb/S)

Rear I/O	
VGA	1
HDMI	1
DVI-I/D	0
Display Port	0
Ethernet	2
USB	2 x USB 3.0 + 2 x USB2.0 compliant
Audio	Mic-in Line- out
Serial	3 (RS-232/422/485)
e-SATA	0
PS/2	0
Internal Connector	
USB	6 (3 x USB Header 2.54mm pitch)
LVDS/Inverter	24 bit dual channel LVDS
VGA	1
Serial	3 (RS-232)
SATA	2 x SATA3 (6.0Gb/s), 2 x SATA (3.0Gbs)
m-SATA	1
Mini-PCIe	0
Parallel	0
IrDA	0
GPIO	4 x GPI + 4 x GPO
SATA PWR Output Con	0
Speaker Header	1
Watchdog Timer	
Output	Output from super I/O to drag RESETCON#
Interval	256 Segments, 0,1,2...255 Sec/Min
Power Requirements	
Input PWR	ATX PWR (4 + 24)
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