

# IMB-153

## Mini-ITX Motherboard



### Spotlight Features

- Intel® Baytrail SoC Processor  
-IMB-153D (J1900)
- Integrated Intel® Gen7 Intel Graphics DX 11\*, OGL3.2
- Supports Dual Channel DDR3 1066/1333MHz, 2 x SO-DIMM, up to 8GB system memory
- 1 x HDMI, 1 x D-Sub,
- 1 xUSB 3.0, 5 x USB 2.0, 2 x SATA2
- 1 x PCIe x1
- Gigabit LAN : 1 x Realtek Lan
- ATX Power connector

### Specifications

Processor System	
Dimension	Mini-ITX (6.7-in x 6.7-in)
CPU	Intel® Baytrail SoC Processor IMB-153D (J1900, QC, 2.00GHz, 10W)
Core Number	4
Max Speed	(By CPU)
L2 Cache	2MB
Chipset	N/A
BIOS	UEFI
Expansion Slot	
PCI	0
Mini-PCIe	0
mSATA	0
PCIe	1
CFast Card Socket	0
Memory	
Technology	Dual Channel DDR3 1066/1333 MHz SDRAM
Max.	8 GB
Socket	2 x SO-DIMM
Graphics	
Controller	Intel® Gen7 Intel Graphics DX 11*, OGL3.2
VRAM	share Memory
VGA	Supports max. resolution 1920 x 1200
LVDS	np
HDMI	Supports HDMI 1.3a, max resolution 1920x1200
DVI	no
Display Port	no
Multi Display	Yes (Dual Display)
Ethernet	
Controller/ Speed	10/100/1000 Mbps
Connector	GbE LAN: 1x Realtek RTL 8111GR/RTL8111H-CG
SATA	
Max Data Transfer Rate	SATA2 (3.0Gb/s)

Rear I/O	
VGA	1
HDMI	1
DVI-I/D	0
Display Port	0
Ethernet	1
USB	4 (1 x USB 3.0 compliant, 3 x USB 2.0 compliant)
Audio	2 (Mic-in, Line-out)
Serial	1
e-SATA	0
PS/2	KB/Mouse
Internal Connector	
USB	2 (2 x USB 2.0 compliant)
LVDS/Inverter	0
VGA	1
Serial	1 x RS-232
SATA	2 x SATA2 ( 3.0Gb/s)
m-SATA	0
Mini-PCIe	0
Parallel	Optional
IrDA	0
GPIO	0
SATA PWR Output Con	0
Speaker Header	1
Watchdog Timer	
Output	From Super I/O to drag RESETCON#
Interval	256 segments, 0,1,2...255sec/min
Power Requirements	
Input PWR	ATX (24-pin PWR Con)
Power On	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