



Key Features

- Supports Intel® Core™ i7/i5/i3/Pentium® processor with H61 chipset
- Two DIMM sockets support up to 16 GB DDR3 1066/1333/1600
- Supports dual display VGA/DVI-D and dual GbE LAN
- Supports RS-232/422/485 with auto flow control
- Supports one PCIe x16 and 5 PCI expansion slots

Specifications

Processor System	CPU	3rd Gen Intel® Core™ i7/i5/i3	
	Socket	H61	
	Chipset	LGA1155	
Expansion Slot	PCI	32-bit/33 MHz, 5 slots	
	PCIe x 1	500 MB/s, 1 slot for G2 SKU (Gen2)	
	PCIe x 4	2.0 GB/s, 1 slot for VG SKU (Gen2)	
	PCIe x16	8 GB/s, 1 slot(Gen2)	
	mSATA	-	
Memory	Technology	Dual Channel DDR3 1066/1333/1600 (1600 is only supported by Core i7/i5/i3 3xxx series processors)	
	Max. Capacity	16 GB	
	Socket	2 x 240-pin DIMM	
Graphics	Controller	Intel HD Graphics	
Ethernet	Interface	10/100/1000 Mbps	
	Controller	GbE LAN1: Intel 82579V, GbE LAN2: Intel 82583V	
SATA	Channel	4 (300 MB/s)	
Rear I/O	VGA	1	
	DVI	1 for G2 version	
	Ethernet	2 for G2 version; 1 for VG version	
	USB	4	
	Audio	2 (Mic-in, Line-out)	
	Serial	2 (RS-232)	
	HDMI	-	
	DP	-	
	PS/2	2 (1 x keyboard and 1 x mouse)	
Internal Connectors	USB	6	
	Serial	4 for G2 version (3 x RS-232, 1 x RS-232/422/485 with auto-flow control)	
	SATA	4	
	Parallel	1	
	GPIO	8-bit	
Watchdog Timer	Output	System reset	
	Interval	Programmable 1 ~ 255 sec	
Power Requirement	ATX Power		
Environment		Operating	Non-Operating
	Temperature	0 ~ 60° C (32 ~ 140° F)	-40 ~ 85° C (-40 ~ 185° F)
Physical Characteristics	Dimensions	304.8 x 244 mm (12" x 9.6")	

Ordering Information

iRMB-301

LGA1155 Intel® Core™ i7/i5/i3, 3rd Gen. CPU supported ATX MB with DVI/VGA, 6 COM, 10 USB & Dual GbE LAN