



## Key Features

- Supports Intel® 7th/ 6th Gen (KabyLake-S/Skylake-S) Core™ Processors (Socket 1151)
- Supports Dual Channel DDR4 2133MHz, up to 32GB
- 1 x VGA, 1 x HDMI
- 4 xUSB 3.0, 5 x USB 2.0, 4 x SATA3, 10 x COM
- 1 x PCIe x16, 1 x PCIe x4, 5 x PCI,
- 1 x mSATA, 1 x M.2 (KEY M)
- 2 x Intel LAN
- 1 x TPM Header
- ATX PWR 24+8-pin

## Specifications

Processor System	Supports Intel® 7th/ 6th Gen (KabyLake-S/Skylake-S) Core™ Processors Intel® H110 LGA1155
Expansion Slot	5 - 1 1 1 x full size with shared SATA3 and USB 2.0 1x M.2 (Key M, 2242/2260/2280) with shared SATA3 for SSD
Memory	Dual Channel DDR4 2133 MHz 32 GB 2 x Long-DIMM
Graphics	Intel® Gen9 Graphics DX 11/12, OGL4.3/4.4
Ethernet	10/100/1000 Mbps 1 x Intel I210, 1 x Intel I219V
SATA	4 x SATA3
Rear I/O	1 NA 2 2 x USB3.0, 2 x USB2.0 3 (Mic-in. Line-in. Line-out) 2 x COM (RS-232/422/485) 1 - 2 (1 x keyboard and 1 x mouse)
Internal Connectors	2 x USB3.0, 3 x USB2.0 8 x COM(RS-232) 4x SATA3, one is shared with M.2 Key M, one is shared with mSATA 1 (shared with GPIO) 8 x GPI, 8 x GPO
Watchdog Timer	From Super I/O to drag RESETCON# 256 segments, 0,1,2...255sec/min
Power Requirement	ATX PWR 24+8-pin
Environment	Operating            Non-Operating 0 ~ 60° C            -40 ~ 85° C
Physical Characteristics	ATX (12-in x 9.6-in)

## Ordering Information

iRMB-601

LGA1150/51 Intel® Core™ i7/i5/i3, 6th/7th Gen. CPU supported ATX MB with HDMI/VGA, 10 COM, 9 USB & Dual GbE LAN