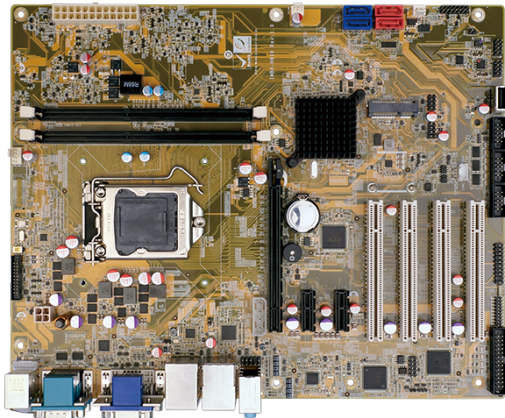


ATX motherboard supports 22nm LGA 1150 4th generation Intel® Core™ i7/i5/i3, Pentium® and Celeron® CPU with Intel® H81, DDR3, VGA/DVI-D/iDP, dual IMBA-H810 Intel® PCIe GbE, USB 3.2 Gen 1 (5Gb/s), SATA 6Gb/s, HD Audio and RoHs



## Key Features

- 4th generation LGA1150 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported
- Dual-channel DDR3 1333/1600 MHz support up to 16 GB
- Intel® HD Graphics technology integrates high-performance graphics and media processing
- USB 3.2 Gen 1 (5Gb/s), and SATA supported
- TPM V1.2 hardware security function supported by TPM module

## Specifications

Processor System	Intel® Core™ 4th Gen i7/i5/i3, Pentium® and Celeron® processor Intel H81 LGA1150
Expansion Slot	4 2 x PCIe x1 - 1 x PCIe x16 - -
Memory	1600/1333 MHz Dual-channel DDR3 SDRAM unbuffered DIMMs 16 GB Two 240-pin
Graphics	Intel® HD Graphics Gen 7.5 supports DX11.1
Ethernet	10/100/1000/2500 Mbps LAN1: Intel® I217-LM with Intel® AMT9.0 support LAN2: Intel® I211-AT PCIe Controller
SATA	2 x SATA 3Gb/s
Rear I/O	1 1 2 2 x USB 2.0 2 x USB 3.2 Gen 1 (5Gb/s)  2 x RS-232 2 - - 1 x PS/2 combo
Internal Connectors	4 x USB 2.0 (2x4 pin, P=2.54) 1 x RS-422/485 (1x4 pin, P=2.0) 2 x SATA 3Gb/s (SATA3, SATA4) - -
Watchdog Timer	Software programmable supports 1~255 sec. system reset -
Power Requirement	ATX power supply, ATX/AT mode support
Environment	Operating                      Non-Operating 0 ~ 60° C                      -30 ~ 70° C
Physical Characteristics	ATX (12-in x 9.6-in)

## Ordering Information

iRMB-401	LGA1150 Intel® Core™ i7/i5/i3, 4th Gen.CPU supported ATX MB with VGA/DVI-D/iDP, 5 COM, 8 USB & Dual GbE LAN
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