

uATX-H81A (MATMH81)

Micro-ATX with Intel® H81 Chipset, support 4th Generation Intel® Core™ Processor, Dual channel DDR3 memory, PCIe & PCI slot, 10 x COM, 10 x USB, 2 x SATA 3Gb/s



Features

- Micro ATX Form Factor
- Intel® 4th Gen. Core™ processors
- Intel® H81 Express Chipset
- Dual Channel 2 x SO-DIMMs
- 2 x GbE LAN Ports (Realtek RTL8111G)
- 2 x SATA 3Gb/s Ports
- 10 x RS-232 COM Ports (2 x external, 8 x internal)

Specifications

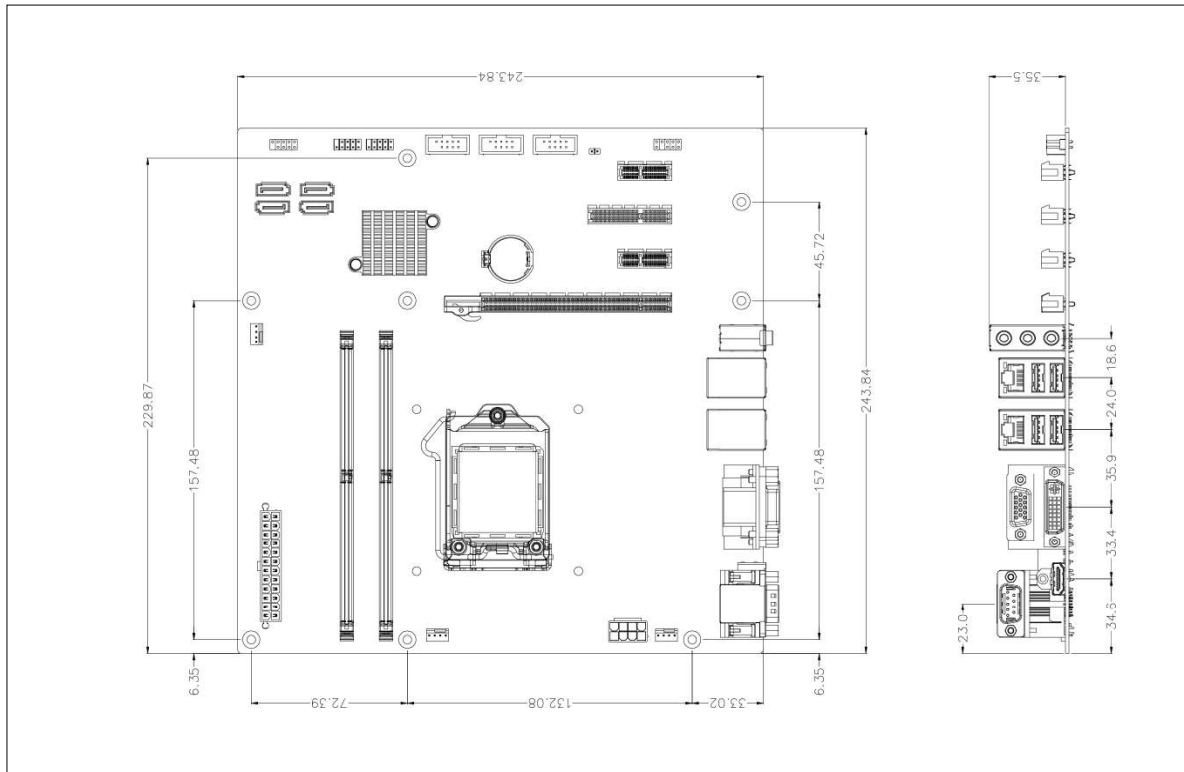
Form Factor	Micro ATX 244W x 244D (mm)
CPU	Support for 4th Generation Intel® Core™ i7/i5/i3 processors, Pentium® & Celeron® processors in the LGA1150 package TDP under 85W L3 cache varies with CPU
Socket	1 x LGA 1150
Chipset	Intel® H81 Express Chipset
Memory	2 x DDR3 SO-DIMM sockets, Max. Capacity 16GB Support Dual channel DDR3 1600/1333 MHz memory modules
Ethernet	2 x GbE LAN Ports (Realtek RTL8111G)
Video	Integrated Graphics Processor - Intel® HD Graphics support: 1 x DVI-D port, supporting a maximum resolution of 1920x1200 @60Hz 1 x VGA port, supporting a maximum resolution of 1920x1200 @60Hz 1 x LVDS port, supporting a maximum resolution of 1920x1080 @60Hz (18/24bit) (2 independent display outputs)
Audio	Realtek® Audio Codec
Storage	2 x SATA 3Gb/s Ports
Raid	—
Expansion Slots	1 x PCIe x16 (Gen3 x16) 1 x PCIe x1 (Gen2 x1) 2 x PCI 1 x Half-size mini-PCIe 1 x Full-size mini-PCIe

Internal I/O	1 x 24-pin ATX main power connector 1 x 4-pin ATX 12V power connector 1 x CPU fan header 2 x System fan headers 1 x Front panel header 1 x Front audio header 1 x 2W speaker out header 6 x USB 2.0 headers 6 x COM headers (RS-232) 2 x COM headers (RS-232 & RI/5V/12V) 1 X LPC 1 X LPT 1 x GPIO (8 bits) & SMBUS header 1 x Clear CMOS jumper 1 x Buzzer
Rear I/O	3 x Audio Jacks (Line in, Line out, Mic in) 2 x COM Ports (RS-232/422/485) 1 x VGA 1 x DVI-D 2 x RJ45 LAN Ports 4 x USB 3.0 1 x PS2 Keyboard/Mouse
TPM	Onboard TPM 1.2 security chip Infineon SLB9635TT1.2 controller
OS Compatibility	Windows 8.1 (x32/x64) Windows 7 (x32/x64)
Operating Properties	Operating temperature: -10°C to 60°C Operating humidity: 0-85% (non-condensing) Non-operating temperature: -20°C to 70°C Non-operating humidity: 0%-85% (non-condensing)

GIGAIPC reserves the right to modify or change technical data without prior notice.

Dimension

Unit: mm



Packaging Content

- Bulk Packing Capacity: 10pcs
- Carton size: 545 x 355 x 287(mm)
- Content:
IO Shield x 1 (P/N: 12AIO-MATMH0-00R)

Ordering Information

- Motherboard: 9MATMH81NR-SI (Bulk Packing)
9MATMH81MR-SI (Box Packing)

2022/03/10

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