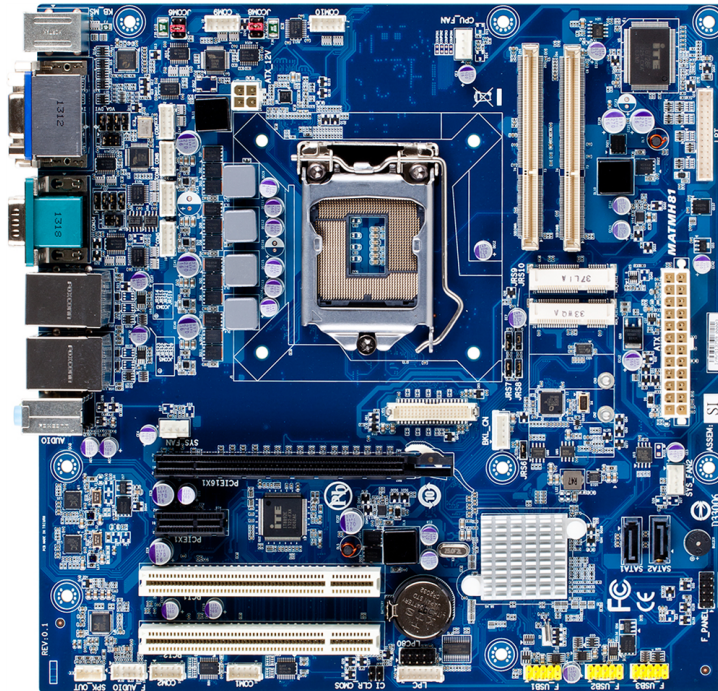




uATX-H81A

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

Key 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 RS232 COM ports (2 x external, 8 x internal)

Application

SPECIFICATION

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

FORM FACTOR	microATX 244W x 244D(mm)
CPU	Supports for 4th Intel® Core™ i7 processors/ Intel® Core™ i5 processors/ Intel® Core™ i3 processors/ Intel® Pentium® processors/ Intel® Celeron® processors, Up to 85W TDP L3 cache varies with CPU
SOCKET	1 x LGA 1150
CHIPSET	Intel® H81 Express Chipset
MEMORY	2 x SO-DIMM slots 1.5V Dual channel DDR3 memory Up to 16GB 1333/1600MHz
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@60 Hz 1 x D-Sub port, supporting a maximum resolution of 1920 x 1200@60Hz 1 x LVDS port, supporting a maximum resolution of 1920 x 1080@60Hz (18/24bit) * Support up to 2 displays at the same time
AUDIO	Realtek ALC269 controller Supports 2/4 channel configurations, High Definition Audio
STORAGE	2 x SATA 3Gb/s ports
EXPANSION SLOTS	1 x PCIe x16 (3.0 x16 bus) slot 1 x PCIe x1 (2.0 x1 bus) slot 2 x PCI 1 x Half-size mini-PCIe 1 x Full-size mini-PCIe
INTERNAL I/O	1 x 24-pin ATX power connector 1 x 4-pin 12V power connector 6 x USB 2.0 headers 2 x SATA 3Gb/s ports 6 x COM headers (RS232) 2 x COM Headers (RS232, RI/5V/12V(COM9 & COM10, Selectable by Jumper) 1 x CPU fan header 1 x System fan header 1 x Front audio header 1 x Front panel header 1 x LPC 1 x LPT header

	1 x LVDS 1 x 2W Speaker header 1 x GPIO (4 in/4 out)
REAR I/O	2 x RJ45 4 x USB 3.0 2 x Serial 1 x D-Sub 1 x DVI-I 1 x P/S2 1 x Audio jack
TPM	Onboard TPM 1.2 security chip Infineon SLB9635TT1.2 controller
OS COMPATIBILITY	Windows 8.1 (x32/x64) Windows 7 (x32/x64)
PSU CONNECTORS	1 x 24-pin ATX power connector 1 x 4-pin 12V ATX auxiliary power connector
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)
PACKING CONTENT	BOX Packing Capacity: 10pcs Carton size: 545 x 355 x 287(mm) Content: IO Shield x 1 (12AIO-MATMH0-00R)
ORDER INFORMATION	9MATMH81MR-SI