



uATX-H310A

Micro-ATX with 8th/9th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe , 4 x COM , 8 x USB, 4 x SATA 6Gb/s

Key Features

- Micro ATX form factor
- Supports 8th/9th Gen Intel® Core™ Processors
- Intel® H310 Express Chipset
- Dual Channel Non-ECC Unbuffered DDR4, 2 x DIMMs
- 2 x GbE LAN ports
- 4 x SATA 6Gb/s ports
- HDMI 1.4, DVI-D, D-Sub ports for multiple displays
- Realtek ALC888S audio codec
- Up to 4 x PCIe expansion slots
- 4 x RS232 COM ports
- Onboard TPM 2.0 security chip

Application

- NAS
- KIOSK / POS
- Industrial PC
- Automation
- DVR
- Gaming

SPECIFICATION

Micro-ATX with 8th / 9th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe, 4 x COM, 8 x USB, 4 x SATA 6Gb / s

| | |
|------------------------|---|
| FORM FACTOR | Micro ATX 244W x 244D(mm) |
| CPU | Support for 8th/9th Generation Intel® Core™ i7 processors/Intel® Core™ i5 processors/Intel® Core™ i3 processors/Intel® Pentium®processors /Intel® Celeron® processors in the LGA1151 package, TDP under 65W |
| SOCKET | 1 x LGA 1151 |
| CHIPSET | Intel® H310 Express Chipset |
| MEMORY | 2 x DDR4 DIMM sockets supporting up to 32 GB of system memory Dual channel memory architecture Support for DDR4 2666/2400 MHz memory modules |
| ETHERNET | 2 x GbE LAN port (Intel® I219V and Realtek® RTL8111HS) |
| VIDEO | Integrated Graphics Processor - Intel® HD Graphics support: 1 x HDMI port, supporting a maximum resolution of 4096x2160@30Hz 1 x DVI-D port, supporting a maximum resolution of 1920x1200@60Hz 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60Hz * Support up to 2 displays at the same time * Support for HDMI 1.4 version * The DVI-D port does not support D-Sub connection by adapter * Maximum shared memory of 1GB |
| AUDIO | Realtek ALC888S codec High Definition Audio |
| STORAGE | 4 x SATA 6Gb/s ports |
| EXPANSION SLOTS | 1 x PCIe x16 (Gen3 x16 bus) slot 1 x PCIe x4 (Gen2 x2 bus) slot 2 x PCIe x1 (Gen2 x1 bus) slots |

| | |
|-----------------------------|--|
| INTERNAL I/O | <ul style="list-style-type: none"> 1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 4 x SATA 6Gb/s connectors 1 x CPU fan header 2 x System fan headers 1 x Front panel header 1 x Front panel audio header 4 x USB 2.0/1.1 headers 3 x COM headers (RS232) 1 x Clear CMOS jumper 1 x Buzzer |
| REAR I/O | <ul style="list-style-type: none"> 3 x Audio jacks (Line in, Line out, Mic in) 1 x COM (RS232) 1 x HDMI 1 x DVI-D 1 x D-Sub 2 x RJ45 4 x USB3.1 Gen1 |
| TPM | <ul style="list-style-type: none"> Onboard TPM 2.0 security chip INFINEON SLB9665VQ2.0 |
| OS COMPATIBILITY | Windows 10 (x64) |
| PSU CONNECTORS | <ul style="list-style-type: none"> 1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector |
| OPERATING PROPERTIES | <ul style="list-style-type: none"> Operating temperature: 0°C to 60°C Operating humidity: 0-90% (non-condensing) Non-operating temperature: -20°C to 70°C Non-operating humidity: 0%-95% (non-condensing) |
| PACKING CONTENT | <ul style="list-style-type: none"> Bulk Packing Capacity: 20pcs Carton size: 609 x 581 x 362(mm) Content: IO Shield x 1 (12AIO-MDH112-00R) |
| ORDER INFORMATION | 9MCH31AMNR-SI |