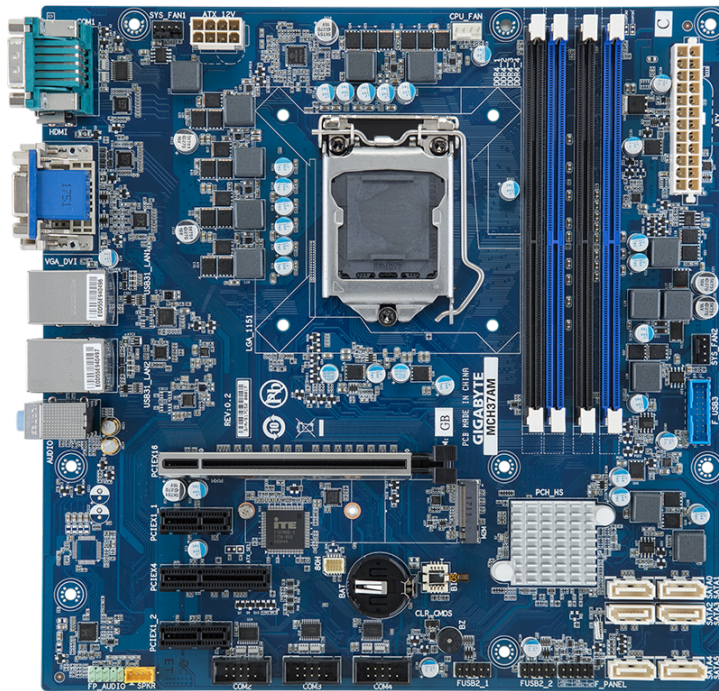




## uATX-H370A

Micro-ATX with 8th/9th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe , 4 x COM , 10 x USB, 6 x SATA 6Gb/s

### Key Features

- Micro ATX form factor
- Supports 8th/9th Generation Intel® Core™ Processors
- Intel® H370 Express Chipset
- Dual Channel Non-ECC Unbuffered DDR4, 4 x DIMMs
- 2 x GbE LAN ports
- 6 x SATA 6Gb/s ports
- Ultra-Fast M.2 with PCIe Gen3 x4 interface
- HDMI 1.4, DVI-D, D-Sub ports for multiple displays
- Realtek ALC888S audio codec
- Up to 4 x PCIe Gen3 expansion slots
- 1 x USB3.1 Gen2 port with 10Gb/s speed
- 4 x RS232 COM ports

### Application

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

- Onboard TPM 2.0 security chip

## SPECIFICATION

Micro-ATX with 8th/9th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe , 4 x COM , 10 x USB, 6 x SATA 6Gb/s

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FORM FACTOR</b>     | Micro ATX<br>244W x 244D(mm)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>CPU</b>             | 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<br>L3 cache varies with CPU                                                                                                                                                                                                                        |
| <b>SOCKET</b>          | 1 x LGA 1151                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>CHIPSET</b>         | Intel® H370 Express Chipset                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MEMORY</b>          | 4 x DDR4 DIMM sockets supporting up to 64 GB of system memory<br>Dual channel memory architecture<br>Support for DDR4 2666/2400 MHz memory modules                                                                                                                                                                                                                                                                                                            |
| <b>ETHERNET</b>        | 2 x GbE LAN port (Intel® I219V and Realtek® RTL8111HS)                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>VIDEO</b>           | Integrated Graphics Processor - Intel® HD Graphics support:<br>1 x HDMI port, supporting a maximum resolution of 4096x2160@30Hz<br>1 x DVI-D port, supporting a maximum resolution of 1920x1200@60Hz<br>1 x D-Sub port, supporting a maximum resolution of 1920x1200@60Hz<br>* Support up to 3 displays at the same time<br>* Support for HDMI 1.4 version<br>* The DVI-D port does not support D-Sub connection by adapter<br>* Maximum shared memory of 1GB |
| <b>AUDIO</b>           | Realtek ALC888S codec<br>High Definition Audio                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>STORAGE</b>         | 6 x SATA 6Gb/s ports                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RAID</b>            | Intel® SATA RAID 0/1/10/5                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>EXPANSION SLOTS</b> | 1 x PCIe x16 (Gen3 x16 bus) slot<br>1 x PCIe x4 (Gen3 x4 bus) slot<br>2 x PCIe x1 (Gen3 x1 bus) slots<br>1 x M.2 slot:<br>- M-key<br>- PCIe Gen3 x4 per slot<br>- Supports NGFF-2280/2260 cards                                                                                                                                                                                                                                                               |
| <b>INTERNAL I/O</b>    | 1 x 24-pin ATX main power connector<br>1 x 8-pin ATX 12V power connector                                                                                                                                                                                                                                                                                                                                                                                      |

|                             |                                                                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | 6 x SATA 6Gb/s connectors<br>1 x CPU fan header<br>2 x System fan headers<br>1 x Front panel header<br>1 x Front panel audio header<br>4 x USB 2.0/1.1 headers<br>2 x USB 3.0 headers<br>3 x COM headers (RS232)<br>1 x Clear CMOS jumper<br>1 x Buzzer |
| <b>REAR I/O</b>             | 3 x Audio jacks (Line in, Line out, Mic in)<br>1 x COM (RS232)<br>1 x HDMI<br>1 x DVI-D<br>1 x D-Sub<br>2 x RJ45<br>3 x USB3.1 Gen1 (BLUE)<br>1 x USB3.1 Gen2 (RED)                                                                                     |
| <b>TPM</b>                  | Onboard TPM 2.0 security chip<br>INFINEON SLB9665VQ2.0                                                                                                                                                                                                  |
| <b>OS COMPATIBILITY</b>     | Windows 10 (x64)                                                                                                                                                                                                                                        |
| <b>PSU CONNECTORS</b>       | 1 x 24-pin ATX main power connector<br>1 x 8-pin ATX 12V power connector                                                                                                                                                                                |
| <b>OPERATING PROPERTIES</b> | Operating temperature: 0°C to 60°C<br>Operating humidity: 0-90% (non-condensing)<br>Non-operating temperature: -20°C to 70°C<br>Non-operating humidity: 0%-95% (non-condensing)                                                                         |
| <b>PACKING CONTENT</b>      | Bulk Packing Capacity: 20pcs<br>Carton size: 609 x 581 x 362(mm)<br>Content:<br>IO Shield x 1 (12AIO-MDH112-00R)                                                                                                                                        |
| <b>ORDER INFORMATION</b>    | 9MCH37AMNR-SI                                                                                                                                                                                                                                           |