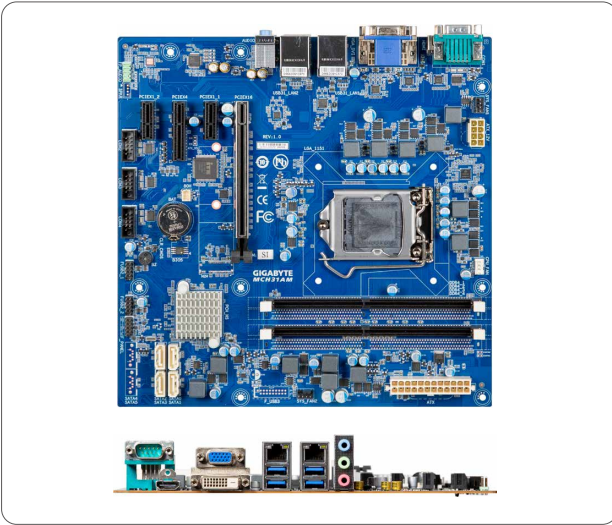


uATX-H310A (MCH31AM)

Micro-ATX with Intel® H310 Chipset, support 9th/8th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe, 4 x COM, 8 x USB, 4 x SATA 6Gb/s



Features

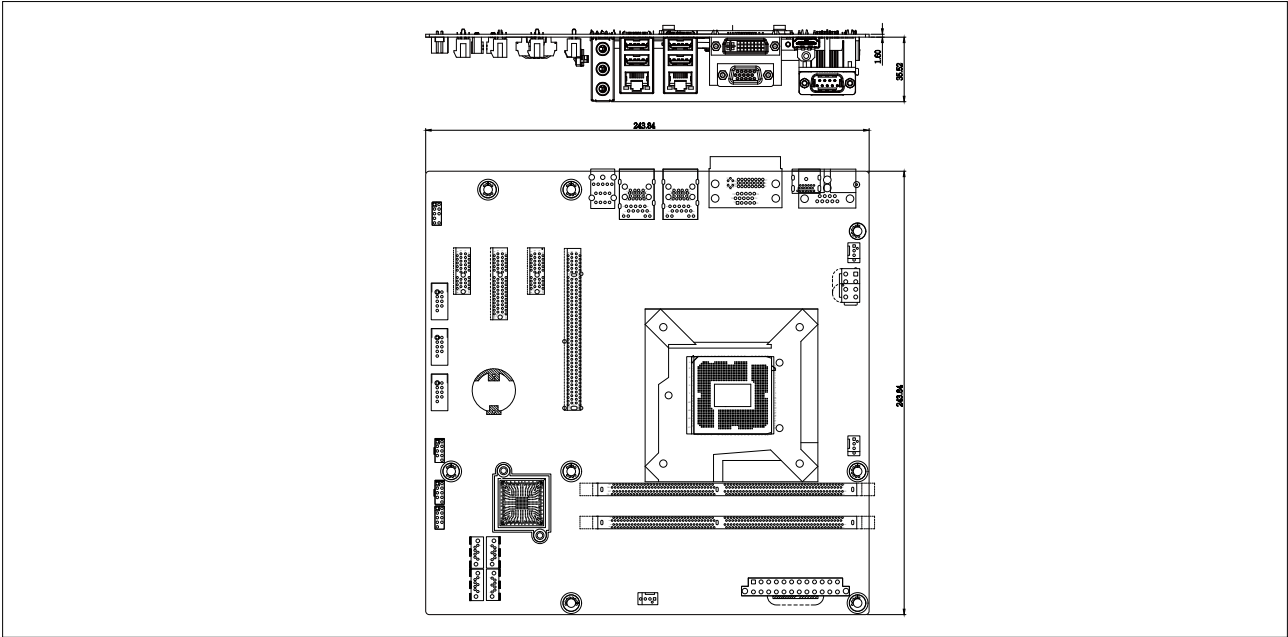
- Micro ATX form factor
- Support 9th/8th Gen Intel® Core™ Processors
- Intel® H310 Express Chipset
- Dual Channel Non-ECC Unbuffered DDR4, 2 x DIMMs
- 2 x GbE LAN Ports
- 4 x SATA 6Gb/s Ports
- HDMI 1.4, DVI-D, D-Sub ports for multiple displays
- Up to 4 x PCIe expansion slots
- 4 x COM Ports (RS-232)
- Onboard TPM 2.0 security chip

Specifications

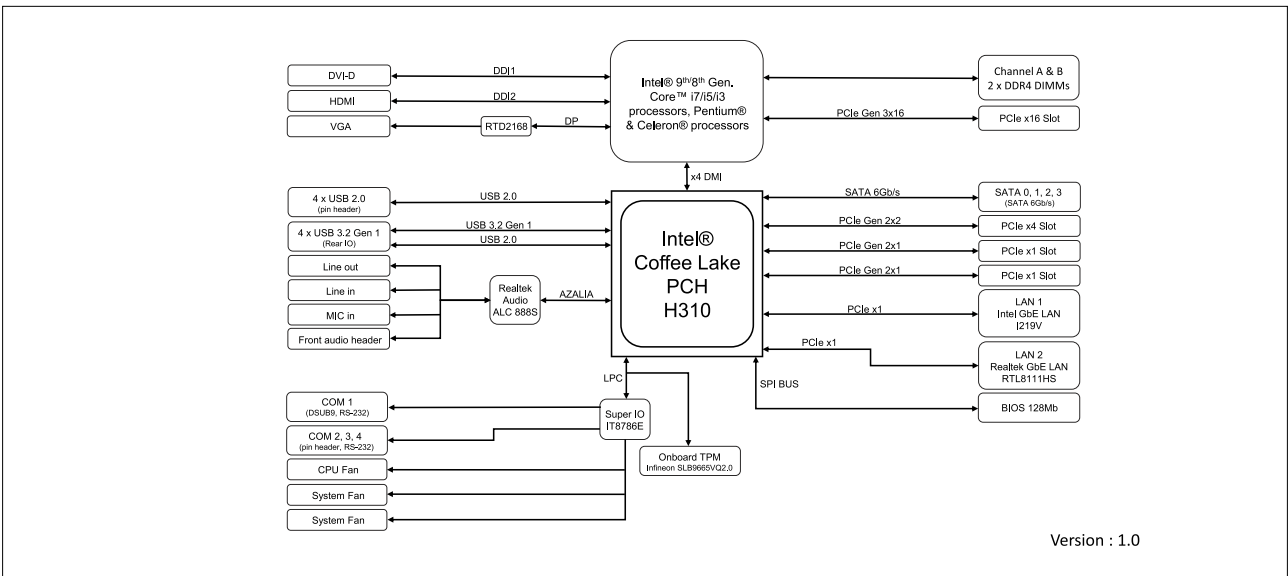
Form Factor	Micro ATX 244W x 244D (mm)
CPU	Support for 9th/8th Generation Intel® Core™ i7/i5/i3 processors, Pentium® & Celeron® processors in the LGA1151 package TDP under 65W L3 cache varies with CPU
Socket	1 x LGA 1151
Chipset	Intel® H310 Express Chipset
Memory	2 x DDR4 DIMM sockets, Max. Capacity 32 GB Support Dual channel DDR4 2666/2400 MHz memory modules
Ethernet	2 x GbE LAN Ports (Intel® I219V and Realtek® RTL8111HS)
Video	Integrated Graphics Processor - Intel® HD Graphics support: 1 x HDMI 1.4 port, supporting a maximum resolution of 4096x2160 @30Hz 1 x DVI-D port, supporting a maximum resolution of 1920x1200 @60Hz 1 x VGA port, supporting a maximum resolution of 1920x1200 @60Hz * The DVI-D port does not support VGA connection by adapter (2 independent display outputs)
Audio	Realtek® Audio Codec
Storage	4 x SATA 6Gb/s Ports
Raid	—
Expansion Slots	1 x PCIe x16 (Gen3 x16) 1 x PCIe x4 (Gen2 x2) 2 x PCIe x1 (Gen2 x1)

Internal I/O	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 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 headers 3 x COM headers (RS-232) 1 x Clear CMOS jumper 1 x Buzzer
Rear I/O	3 x Audio Jacks (Line in, Line out, Mic in) 1 x COM Port (RS-232) 1 x HDMI 1 x DVI-D 1 x VGA 2 x RJ45 LAN Ports 4 x USB 3.2 Gen 1
TPM	Onboard TPM 2.0 security chip INFINEON SLB9665VQ2.0
OS Compatibility	Windows® 10 (x64)
Operating Properties	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	Carton size: 609 x 581 x 362 (mm) Packing Capacity: 20pcs Including: IO Shield x 1 (P/N: 12AIO-MDH112-00R) SATA Cable x 2 (P/N: 12CF1-2SAT1B-01R)
Order Information	9MCH31AMNR-SI (Bulk Packing)

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



Block Diagram



Optional Kit

Part No.	Description	Quantity
25ST0-039520-Y0R	CPU Cooler	1
12KRH-0A1155-30R	CPU Cooler Backplate	1

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