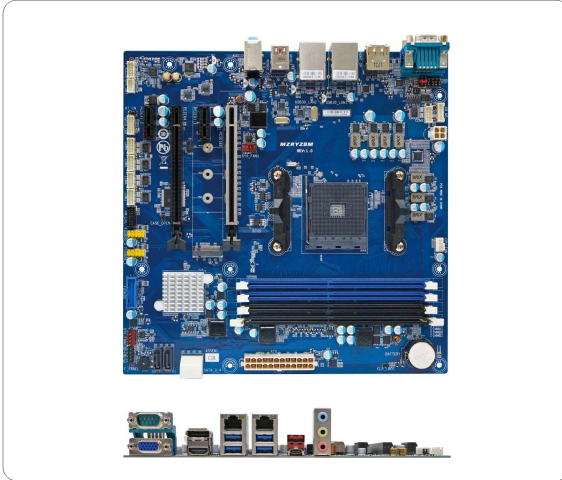


# uATX-RYZEN (MZRYZBM)

Micro-ATX with AMD® Ryzen3/ Ryzen2 Processor, Dual channel DDR4 memory, PCIe slot, 6 x COM, 10 x USB, 4 x SATA 6Gb/s



## Features

- Micro ATX form factor
- Supports AMD Ryzen 3/ Ryzen 2 Processors
- AMD B450
- Dual Channel DDR4, 4 x DIMMs
- 2 x GbE LAN ports
- 4 x SATA 6Gb/s ports
- HDMI, Display Port, D-Sub ports for multiple display
- 1 x RS232/422/485/5V/12V/RI COM ports
- 5 x RS232 COM ports

## Specifications

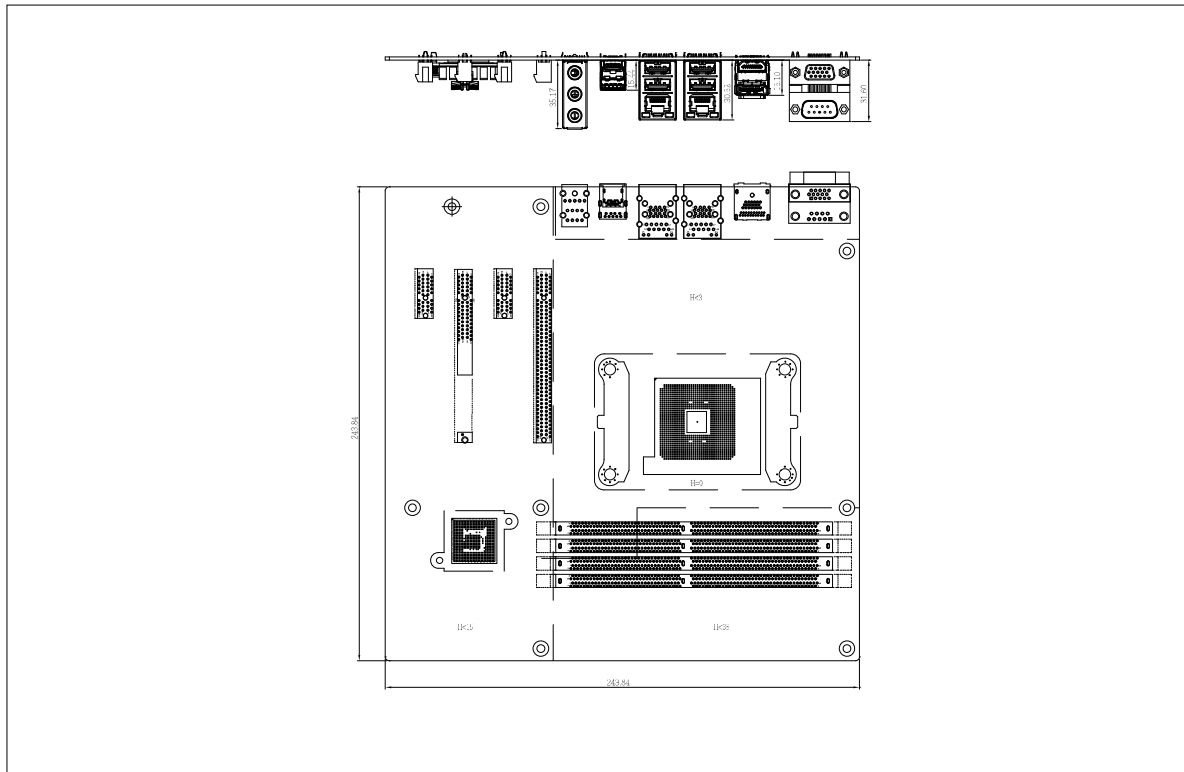
|                 |  |
|-----------------|--|
| Form Factor     | Micro ATX<br>244W x 244D (mm)  |
| CPU             | Support AMD 3rd Gen/2nd Gen/1st Gen Ryzen™ CPU/APU<br>AM4 µPGA (Matisse/Picasso/Raven2/Pinnacle/Raven/<br>Summit Ridge)<br>TDP under 95W             |
| Socket          | 1 x Socket AM4   |
| Chipset         | AMD B450   |
| Memory          | 4 x DDR4 DIMM sockets, Max. Capacity 64GB<br>Support Dual channel DDR4 2666/2400/2133 MHz<br>memory modules  |
| Ethernet        | 2 x GbE LAN ports (Realtek® RTL8111HS)   |
| Video           | Integrated Graphics Process - Radeon™ Vega 11/8/3<br>Graphics:<br>1 x HDMI 1.4<br>1 x Display Port<br>1 x VGA<br><br>(3 independent display outputs) |
| Audio           | Realtek® Audio Codec   |
| Storage         | 4 x SATA 6Gb/s ports   |
| Raid            | RAID/0/1/10  |
| Expansion Slots | 1 x PCIe x16 (Gen3 x16)<br>1 x PCIe x4 (Gen2 x2)<br>2 x PCIe x1 (Gen2 x1)<br>1 x 2280/2260/2242 M.2 M-Key (PCIe x4, SATA6Gb/s)                       |

|                      |   |
|----------------------|---|
| Internal I/O         | 1 x 24-pin ATX main power connector<br>1 x 4-pin ATX 12V power connector<br>1 x CPU fan header<br>2 x System fan headers<br>1 x Front panel header<br>1 x Front audio header<br>1 x 2W Speaker out header<br>4 x USB 2.0 headers<br>2 x USB 3.0 headers<br>5 x COM headers (RS-232)<br>1 x PS/2 Keyboard/Mouse Connector<br>1 x GPIO (8 bits) & SMBUS header<br>1 x Clear CMOS jumper<br>1 x Buzzer |
| Rear I/O             | 3 x Audio jacks (Line in, Line out, Mic in)<br>1 x COM port (RS-232/422/485 and RI/5V/12V)<br>1 x HDMI<br>1 x Display Port<br>1 x VGA<br>2 x RJ45 LAN ports<br>4 x USB 3.0<br>1 x USB 3.1 Gen2<br>1 x USB 3.1 Gen2 (Type C)   |
| TPM                  | 1 x TPM header  |
| OS Compatibility     | Windows 10 (x64)  |
| Operating Properties | 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)   |

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

## Dimension

Unit: mm



## Application Scenarios

- Bulk Packing Capacity: 20pcs
- Carton size: 609 x 581 x 362 (mm)
- Content:  
IO Shield x 1 (P/N: 12AIO-MZRYZ0-00R)

## Ordering Information

- Motherboard: 9MZRYZBMNR-SI

## OPTIONAL KIT

- TPM 2.0 module P/N: 9CTM000NR-00

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