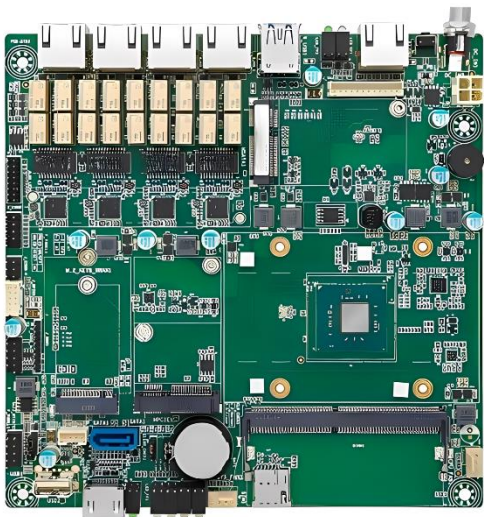


# MTX-14003

Intel® Celeron® J4125, Quad-core Mini ITX  
Motherboard



## FEATURES

- Long-Life Embedded Class Industrial Motherboard.
- CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
- Intel j4125 Quad-core Processor
- Supports DDR4-3200 Max up to 8GB Total
- 1 xVGA
- 4 \* I225 LAN Chipset
- 2 \* USB 3.0 Ports
- 12V DC-In Jack
- Mini - Itx Form Factor (170 x 170MM)

| MTX-14003      |                                                                                                                                                        |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORM FACTOR    | Mini ITX (170 * 170 MM)                                                                                                                                |
| CPU            | Intel® Celeron® J4125, Quad-core, clock speed 2.00 GHz, up to 2.70GHz, TDP 10W                                                                         |
| CHIPSET        | SOC                                                                                                                                                    |
| RAM            | 1 * 204-pin DDR4 SO-DIMM 2400Mhz Max 8GB                                                                                                               |
| GRAPHICS       | Intel Graphics                                                                                                                                         |
| DISPLAY        | 1 x RJ45 CONSOLE                                                                                                                                       |
| VGA            | 1                                                                                                                                                      |
| ETHERNET       | 4 * Intel 2.5G LAN i225 Chip (10/100/1000/2500 Mbps, RJ45)                                                                                             |
| AUDIO          | Realtek HD Audio, 1 (Line-out jack)                                                                                                                    |
| M.2            | 1 * M.2 Key-B Slot (USB3.0+USB2.0, Support 5G/4G, 3052/2042)<br>1 * Mini-PCIe Slot (PCIE+USB2.0, Default USB2.0, Support 4G)<br>1 * Nano SIM Card Slot |
| STORAGE        | 1 * SATA3.0 7P Connector (with SATA Power Wafer)<br>1 * Mini SATA Slot (SATA3.0, Support mSATA)                                                        |
| USB            | 2 * USB3.0 (TYPE-A, Rear IO)<br>1 * USB2.0 (TYPE-A, Internal)<br>2 * USB2.0 (Header, Internal)                                                         |
| SERIAL         | 3 * Serial headers                                                                                                                                     |
| GPIO           | 8 bit GPIO                                                                                                                                             |
| LED            | 1 x power LED , 1 x HDD LED                                                                                                                            |
| POWER          | 12v DC-IN                                                                                                                                              |
| OPERATING TEMP | 0°C – 60°C                                                                                                                                             |
| STORAGE TEMP   | -20°C – 75°C                                                                                                                                           |
| CERTIFICATIONS | CE                                                                                                                                                     |
| WARRANTY       | 2 Years                                                                                                                                                |