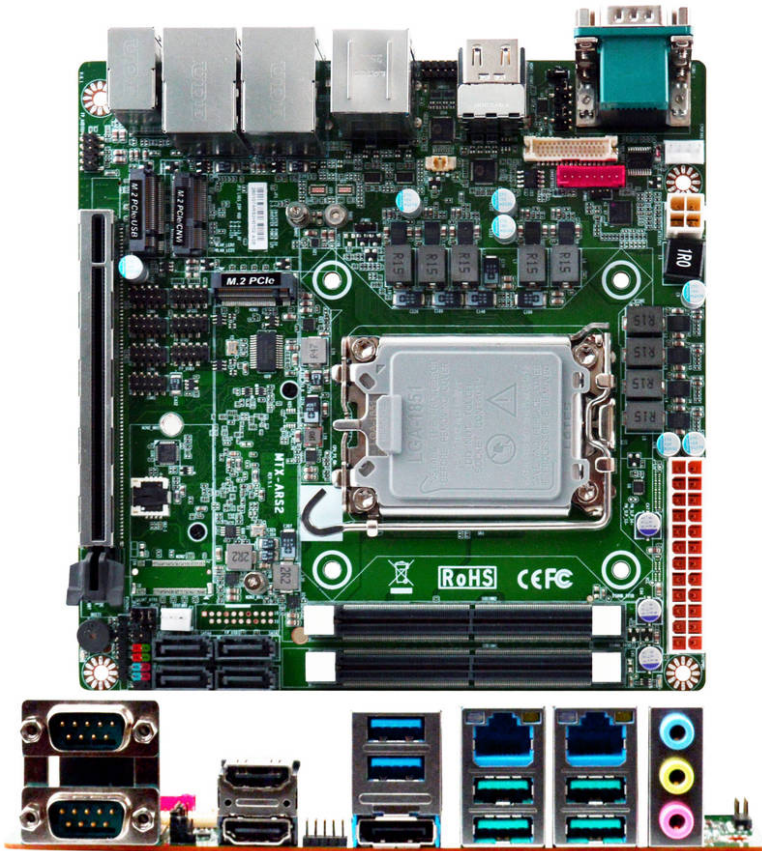


449.00 EUR

incl. 19% VAT, plus shipping

- **Arrow Lake-S, TDP 65W !**
- **H810 Chipset !**
- **2x 2.5GbE, 6x COM !**
- **MTX-ARS2-H8100010 !**



- Powered by Intel® LGA1851 Socket Processors (Arrow Lake-S) with H810 chipset
- High-Performance Memory: 2 x DDR5 6400MT/s Dual Channel CSO-DIMM, up to 128GB
- Dual Ethernet Ports: 2 x 2.5GbE for fast and reliable networking
- Triple Display Support: 2 x HDMI®, 1 x DP, 1 x LVDS/eDP
- Rich Storage & Expansion: 4 x SATA, 1 x M.2 M-key, 1 x M.2 E-key, 1 x M.2 B-key, 1 x PCIe Gen 5 x16
- Comprehensive I/O: 2 x USB 3.2 Gen2, 8 x USB 2.0, 1 x RS232/422/485, 5 x RS232
- ATX Power Supply
- Enhanced Security: Intel® PTT (fTPM)

## SYSTEM

MB FORM FACTOR

Mini-ITX

CPU

Intel® LGA1851 Core™ Ultra Socket Processor  
(Formerly Arrow Lake-S, TDP 65W)

CHIPSET

Intel® H810

MEMORY

2 x DDR5 6400MT/s, Dual Channel CSO-DIMM,  
up to 128GB

BIOS

AMI 256Mb Flash ROM

WAKE ON LAN

Yes

WATCHDOG TIMER

255 Levels

SECURITY

Intel® PTT (fTPM)

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| DIMENSION (W X D) | 170.0 (W) x 170.0 (D) mm (6.7" x 6.7")                                                                 |
| OS SUPPORT        | Windows® 11 (64bit)<br>Linux                                                                           |
| POWER             |                                                                                                        |
| POWER REQUIREMENT | ATX Power Supply                                                                                       |
| POWER ON MODE     | AT / ATX                                                                                               |
| CONNECTOR         | 24+4-pin ATX PWR                                                                                       |
| DISPLAY           |                                                                                                        |
| GPU               | Intel® Graphics                                                                                        |
| LVDS              | 1 x 24-bit Dual Channel LVDS (Max. Resolution: 1920 x 1200 @60Hz, Co-lay eDP)                          |
| DP                | 1 x DP1.4a (Max Resolution: 4096 x 2160@60Hz)                                                          |
| HDMI®             | 2 x HDMI® 2.1 TMDs (Max Resolution: 4096 x 2160@60Hz)                                                  |
| MULTIPLE DISPLAY  | Support 3 Displays                                                                                     |
| AUDIO             |                                                                                                        |
| CODEC             | Realtek Audio Codec                                                                                    |
| Line-in           | 1 x Audio Jack for Line-In                                                                             |
| Line-out          | 1 x Audio Jack for Line-Out                                                                            |
| MIC-in            | 1 x Audio Jack for MIC-In                                                                              |
| LAN               |                                                                                                        |
| ETHERNET          | 2 x RJ45 for Intel® I226-V 2.5GbE                                                                      |
| USB PORT          |                                                                                                        |
| USB               | 2 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2)<br>4 x USB 2.0<br>Internal Header for 4 x USB 2.0 |
| SERIAL PORT       |                                                                                                        |
| COM               | 1 x DB-9 for RS-232/422/485<br>1 x DB-9 for RS-232<br>Internal Header for 4 x RS-232                   |
| INTERNAL I/O      |                                                                                                        |
| GPIO              | 8-Bit                                                                                                  |
| SMBUS             | Yes                                                                                                    |
| I2C               | Yes                                                                                                    |
| ADDITIONAL        | 1 x Chassis Intrusion<br>1 x PS/2<br>1 x Audio Header                                                  |
| STORAGE           |                                                                                                        |
| SATA              | 4 x SATA III                                                                                           |
| EXPANSION         |                                                                                                        |
| PCIe              | 1 x PCIe Gen 5 x16                                                                                     |

|                             |                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M.2                         | 1 x M-Key 2280 (PCIe Gen 4x4) support NVMe<br>1 x E-Key 2230 (USB 2.0/PCIe Gen 4 x1)<br>support CNVio<br>1 x B-Key 3042 (PCIe Gen 4 x1/USB3.2 Gen 1/<br>USB2.0 interface) support 4G/5G Module<br>1 x SIM Card Slot |
| SIM                         |                                                                                                                                                                                                                     |
| ENVIRONMENT & CERTIFICATION |                                                                                                                                                                                                                     |
| SHOCK                       | 15G, 11ms duration                                                                                                                                                                                                  |
| VIBRATION                   | 1 Grms/ 5~ 500Hz/ Operation                                                                                                                                                                                         |
| OPERATING TEMPERATURE       | -20°C ~ 60°C (-4°F ~ 140°F)                                                                                                                                                                                         |
| STORAGE TEMPERATURE         | -20°C ~ 85°C (-4°F ~ 185°F)                                                                                                                                                                                         |
| OPERATING HUMIDITY          | 10 ~ 90% Relative Humidity, Non-condensing                                                                                                                                                                          |
| CERTIFICATION               | CE/FCC Class A<br>LVD                                                                                                                                                                                               |
| ESG DECLARATION             | EU RoHS, China RoHS, REACH, WEEE,<br>Minerals Conflict-Free, PRO65 Declaration,<br>CMRT Report                                                                                                                      |
| Packing List                | MTX-ARS2-H810 MB<br>COM Port Cable, 22cm, Pitch 2.0<br>SATA Cable, 50cm<br>SATA Power Y cable, 5.0pitch for 32cm,<br>2.54pitch for 20cm<br>I/O Shield<br>Jumper                                                     |