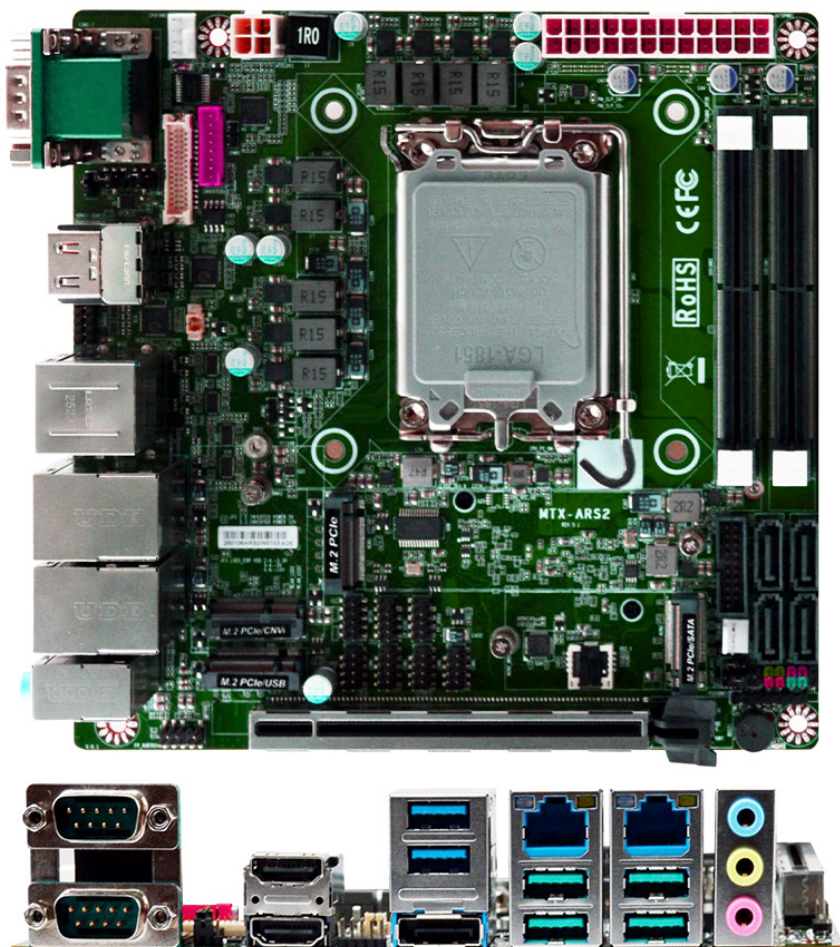


519.00 EUR

incl. 19% VAT, plus [shipping](#)

- Arrow Lake-S, TDP 65W !
- Q870 Chipset !
- 6 x COM, 6 x USB3.2 !
- MTX-ARS2-Q8700010 !



- Powered by Intel® LGA1851 Socket Processors (Arrow Lake-S) with Q870 chipset
- High-Performance Memory: Dual DDR5 CSO-DIMM, up to 128GB
- Dual Ethernet Ports: 2 x 2.5GbE for fast and reliable networking
- Quad Display Support: 2 x HDMI®, 1 x DP, 1 x LVDS/eDP
- Rich Storage & Expansion: 4 x SATA, 2 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: 8 x USB 3.2 Gen2, 4 x USB 2.0, 1 x RS232/422/485, 5 x RS232
- ATX Power Supply

#### SYSTEM

MB FORM FACTOR

Mini-ITX

CPU

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

CHIPSET

Intel® Q870

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)

Linux

POWER

POWER REQUIREMENT

ATX Power Supply

| POWER ON MODE               | AT / ATX                                                                                                                                                                                                                                                                    |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CONNECTOR                   | 24+4-pin ATX PWR                                                                                                                                                                                                                                                            |
| DISPLAY                     |                                                                                                                                                                                                                                                                             |
| GPU                         | Intel® Graphics                                                                                                                                                                                                                                                             |
| DP                          | 1 x DP2.1 (Max Resolution:7680 x 4320@60Hz)                                                                                                                                                                                                                                 |
| HDMI®                       | 2 x HDMI® 2.1 (Max Resolution: 4096 x 2160@60Hz)                                                                                                                                                                                                                            |
| LVDS                        | 1 x 24-bit Dual Channel LVDS (Max. Resolution: 1920 x 1200 @60Hz, co-layout eDP)                                                                                                                                                                                            |
| MULTIPLE DISPLAY            | Support 4 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                    | 1 x RJ45 for Intel® I226-V 2.5GbE<br>1 x RJ45 for Intel® I226-LM 2.5GbE                                                                                                                                                                                                     |
| USB PORT                    |                                                                                                                                                                                                                                                                             |
| USB                         | 6 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2)<br>Internal Header for 2 x USB 3.2 Gen 1x1<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<br>RAID 0, 1, 5, 10                                                                                                                                                                                                                                            |
| EXPANSION                   |                                                                                                                                                                                                                                                                             |
| PCIe                        | 1x PCIe Gen 5 x 16<br>1 x M-Key 2280 (PCIe Gen 4x4) support NVMe<br>1 x M-Key 2242 (PCIe Gen 4 x4/SATA interface) support NVMe<br>1 x E-Key 2230 (USB 2.0/PCIe Gen 4 x1) support CNVio<br>1 x B-Key 3042 (PCIe Gen 4 x1/USB3.2 Gen 1/USB2.0 interface) support 4G/5G Module |
| M.2                         |                                                                                                                                                                                                                                                                             |
| SIM                         | 1 x SIM Card Slot                                                                                                                                                                                                                                                           |
| ENVIRONMENT & CERTIFICATION |                                                                                                                                                                                                                                                                             |
| 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                                                                                                                                                                                                                                  |
| SHOCK / VIBRATION           | 15G, 11ms duration<br>1 Grms/ 5~ 500Hz/ Operation                                                                                                                                                                                                                           |
| CERTIFICATION               | CE/FCC Class A<br>LVD                                                                                                                                                                                                                                                       |
| ESG DECLARATION             | EU RoHS, China RoHS, REACH, WEEE, Minerals Conflict-Free, PRO65 Declaration, CMRT Report                                                                                                                                                                                    |