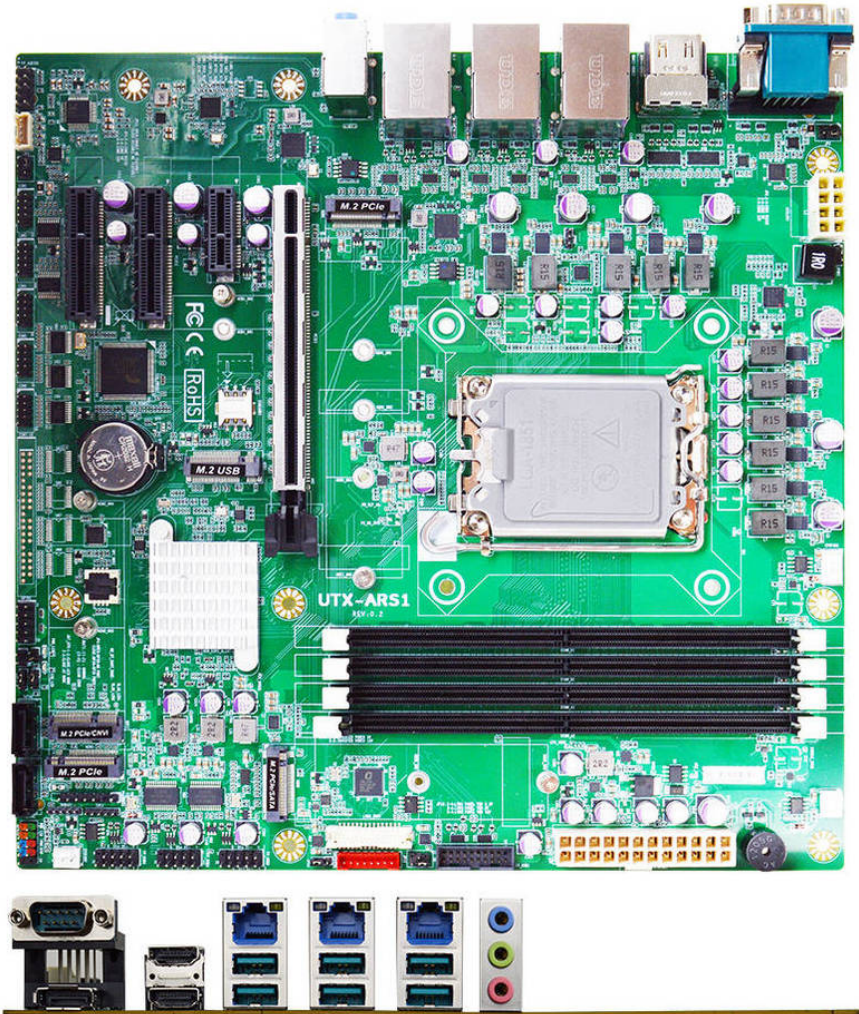




589.00 EUR

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

- Core Ultra Series 2 !
- Intel W880 !
- 3x 2.5GbE !
- PCIe Gen5 x16 !

- Intel® LGA1851 Core Ultra Series 2 Socket processor (formerly Arrow Lake-S, max. 125W TDP)
- Intel® W880 chipset
- 4 x DDR5 6400 MT/s CU-DIMM, dual channel, up to 256GB, ECC supported
- Supports up to four displays with 2 x HDMI® 2.1 TMDS, 1 x DP1.4a and LVDS with co-layout eDP
- 3 x M.2 M-Key, 2 x SATA III with Intel® VMD RAID 0, 1 and SATA RAID 0, 1, 5
- 1 x PCIe Gen 5 x16, 2 x PCIe Gen 4 x4, 1 x PCIe Gen 4 x1, 1 x M.2 B-Key and 1 x M.2 E-Key
- 3 x 2.5GbE
- 6 x USB 3.2 Gen 2x1, internal headers for 2 x USB 3.2 Gen 1 and 6 x USB 2.0
- Supports up to 10 COM ports
- Intel® PTT (integrated fTPM), TPM 2.0 (dTPM, optional)

FORM FACTOR

Micro-ATX: 244.0 x 244.0 mm  
(9.6" x 9.6")

PROCESSOR

Intel® LGA1851 Socket, Arrow  
Lake-S Processor / Max. TDP  
125W

CHIPSET

Intel® W880

SYSTEM MEMORY

4 x DDR5 6400MT/s, Dual  
Channel CU-DIMM / Max. 256GB  
/ ECC Supported

|                  |                                                                                                                           |
|------------------|---------------------------------------------------------------------------------------------------------------------------|
| BIOS             | UEFI                                                                                                                      |
| WAKE ON LAN      | Yes                                                                                                                       |
| WATCHDOG TIMER   | 255 Levels                                                                                                                |
| SECURITY         | Intel® PTT (Integrated fTPM)<br>TPM2.0 (dTPM, Optional)                                                                   |
| GPU              | Intel® Graphics                                                                                                           |
| LVDS             | 1 x 24-bit Dual Channel LVDS<br>(Max. Resolution: 1920 x 1200 @60Hz, co-layout 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 4 Displays                                                                                                        |
| AUDIO            | Realtek Audio Codec / 1 x Audio Jack for Line-in / 1 x Audio Jack for Line-out / 1 x Audio Jack for MIC-in / 3W Amplifier |
|                  | 1 x RJ45 for Intel® I226-V 2.5GbE                                                                                         |
| ETHERNET         | 1 x RJ45 for Intel® I226-LM 2.5GbE                                                                                        |
|                  | 1 x RJ45 for Realtek® RTL8156 2.5GbE                                                                                      |
| USB              | 6 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2)                                                                      |
|                  | Internal Header for 2 x USB 3.2 Gen 1                                                                                     |
|                  | Internal Header for 6 x USB 2.0                                                                                           |
|                  | 1 x DB-9 for RS-232/422/485                                                                                               |
| SERIAL PORT      | Internal Header for 5 x DB-9 for RS-232                                                                                   |
|                  | Internal Header for 4 x RS-232 (Optional)                                                                                 |
| GPIO             | 8-Bit                                                                                                                     |
| SMBUS            | Yes                                                                                                                       |
| I2C              | Yes                                                                                                                       |
| FAN              | 1 x CPU Fan Header<br>2 x System Fan Header                                                                               |
| FRONT PANEL      | HDD Active LED, Power LED, Power On/Off, Reset                                                                            |
| ADDITIONAL       | 1 x Chassis intrusion                                                                                                     |
| STORAGE          | 1 x AT/ATX Mode Selection                                                                                                 |
| RAID             | 2 x SATA III<br>Intel® VMD RAID 0, 1 & SATA RAID 0, 1, 5                                                                  |

|                       |                                                                                    |
|-----------------------|------------------------------------------------------------------------------------|
|                       | 1 x PCIe Gen 5 x16                                                                 |
|                       | 2 x PCIe Gen 4 x4                                                                  |
|                       | 1 x PCIe Gen 4 x1                                                                  |
|                       | 1 x M-Key                                                                          |
|                       | 2242/2260/2280/22110                                                               |
|                       | (SATA/PCIe 4.0 x4) Support                                                         |
|                       | NVMe                                                                               |
| EXPANSION SLOT        | 1 x M-Key 2242/2280 (PCIe 4.0 x4 / SATA III) Support NVMe                          |
|                       | 1 x M-Key 2280 (PCIe Gen 4x4) support NVMe                                         |
|                       | 1 x B-Key 3042/3052 (USB 3.2/USB 2.0) for 4G/5G Module                             |
|                       | 1 x E-Key 2230 (USB 2.0/PCIe Gen 4 x1)                                             |
| SIM                   | 1 x Nano SIM Card Slot                                                             |
| POWER CONNECTOR       | Internal 24+8-pin ATX Header                                                       |
| POWER INPUT           | ATX Power Supply                                                                   |
| POWER ON MODE         | AT / ATX (Default) Mode                                                            |
| 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                 | 15G, 11ms duration                                                                 |
| VIBRATION             | 1 Grms / 5~500Hz / Operation                                                       |
|                       | CE/FCC Class A                                                                     |
|                       | LVD                                                                                |
| CERTIFICATION         | EU RoHS, China RoHS, WEEE, REACH, TSCA Declaration, PRO65 Declaration, CMRT Report |
| OS SUPPORT            | Windows® 11 (64bit), Linux                                                         |
|                       | 1 x UTX-ARS1 Mother Board                                                          |
|                       | 3 x COM Cable                                                                      |
| PACKAGE               | 2 x SATA Cable, 50cm                                                               |
|                       | 1 x I/O Shield                                                                     |
|                       | 2 x Jumper                                                                         |