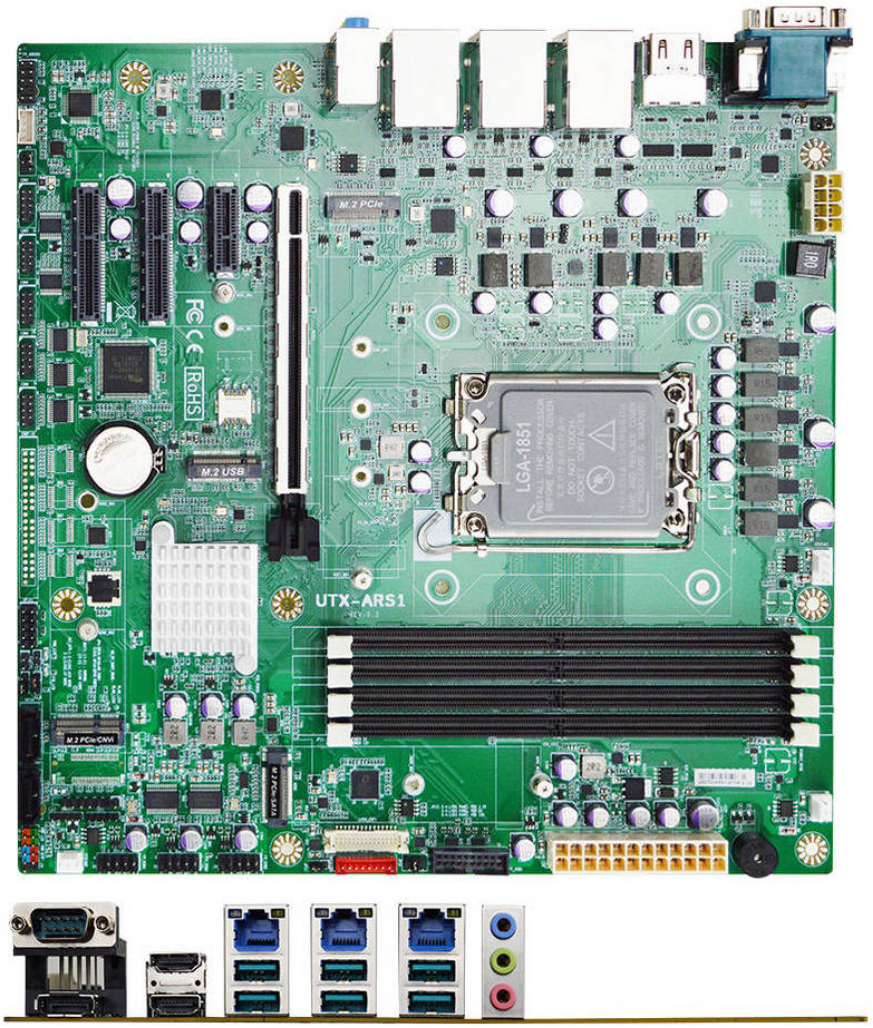


579.00 EUR
incl. 19% VAT, plus shipping

- Intel Arrow Lake-S !
- Intel Q870 !
- 3x 2.5GbE !
- PCIe Gen5 x16 !

The JETWAY UTX-ARS1-Q870 is a Micro-ATX motherboard for Intel® Core Ultra Series 2 processors with an LGA1851 socket (formerly Arrow Lake-S) and up to 125W TDP. It supports up to 256GB DDR5-6400 CU-DIMM memory in dual-channel configuration. The Intel® Q870 chipset, three 2.5GbE interfaces, two HDMI® 2.1 TMDS outputs, DisplayPort 1.4a and LVDS/eDP provide versatile options for high-performance industrial PC systems. For expansion, it offers one PCIe Gen5 x16 slot, two PCIe Gen4 x4 slots, one PCIe Gen4 x1 slot and four M.2 sockets.

- Intel® Core Ultra Series 2 LGA1851 Socket processor (formerly Arrow Lake-S, max. 125W TDP)
- Intel® Q870 chipset
- 4 x DDR5 6400 MT/s CU-DIMM, up to 256GB
- 3 x 2.5GbE: Intel® I226-V, Intel® I226-LM and Realtek® RTL8156
- 2 x HDMI® 2.1 TMDS, 1 x DP1.4a, 1 x dual-channel LVDS with co-layout eDP
- Supports up to four displays
- 2 x SATA III with Intel® VMD RAID 0, 1 and SATA RAID 0, 1, 5
- 2 x M.2 M-Key, 1 x M.2 B-Key for 4G/5G modules, 1 x M.2 E-Key
- 1 x PCIe Gen5 x16, 2 x PCIe Gen4 x4, 1 x PCIe Gen4 x1
- 6 x USB 3.2 Gen 2x1, internal headers for 2 x USB 3.2 Gen 1 and 6 x USB 2.0
- Up to 10 x COM, Intel® PTT (integrated fTPM), optional TPM 2.0 dTPM

FORM FACTOR	Micro-ATX: 244.0 (W) x 244.0 (D) mm (9.6" x 9.6")
CPU	Intel® LGA1851 Socket, Processor Arrow Lake-S (MAX. TDP 125W) For additional compatible CPUs, please contact regional sales
CHIPSET	Intel® Q870
MEMORY	4 x DDR5 6400MT/s, Dual Channel CU-DIMM, up to 256GB
BIOS	UEFI
WAKE ON LAN	Yes
WATCHDOG TIMER	255 Levels
SECURITY	Intel® PTT (Integrated fTPM) TPM2.0 (dTPM, Optional)
RTC BATTERY	Lithium Battery
DIMENSION (W X D)	244.0 (W) x 244.0 (D) mm (9.6" x 9.6")
OS SUPPORT	Windows® 11 (64bit) Linux
POWER REQUIREMENT	ATX Power Supply
POWER ON MODE	AT / ATX (Default) Mode
CONNECTOR	Internal 24+8-pin ATX Header
GPU	Intel® Graphics
LVDS	1 x 24-bit Dual Channel LVDS (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
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
AMPLIFIER	3W
ETHERNET	1 x RJ45 for Intel® I226-V 2.5GbE 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
COM	1 x DB-9 for RS-232/422/485 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 2 x System Fan Header
FRONT PANEL	HDD Active LED Power LED Power On/Off Reset
ADDITIONAL	1 x Chassis intrusion 1 x AT/ATX Mode Selection
SATA	2 x SATA III
RAID	Intel® VMD RAID 0, 1 & SATA RAID 0, 1, 5
M.2	1 x M-Key 2242/2260/2280/22110 (PCIe Gen4 x4) support NVMe 1 x M-Key 2242/2280 (PCIe Gen 4 x4 / SATA III) 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)
PCIe	1 x PCIe Gen 5 x16 2 x PCIe Gen 4 x4 1 x PCIe Gen 4 x1
SIM	1 x Nano SIM Card Slot
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 LVD EU RoHS China RoHS WEEE
ESG DECLARATION	REACH TSCA Declaration PRO65 Declaration CMRT Report
PACKAGE	1 x UTX-ARS1 Mother Board 3 x COM Cable 2 x SATA Cable, 50cm 1 x I/O Shield 2 x Jumper