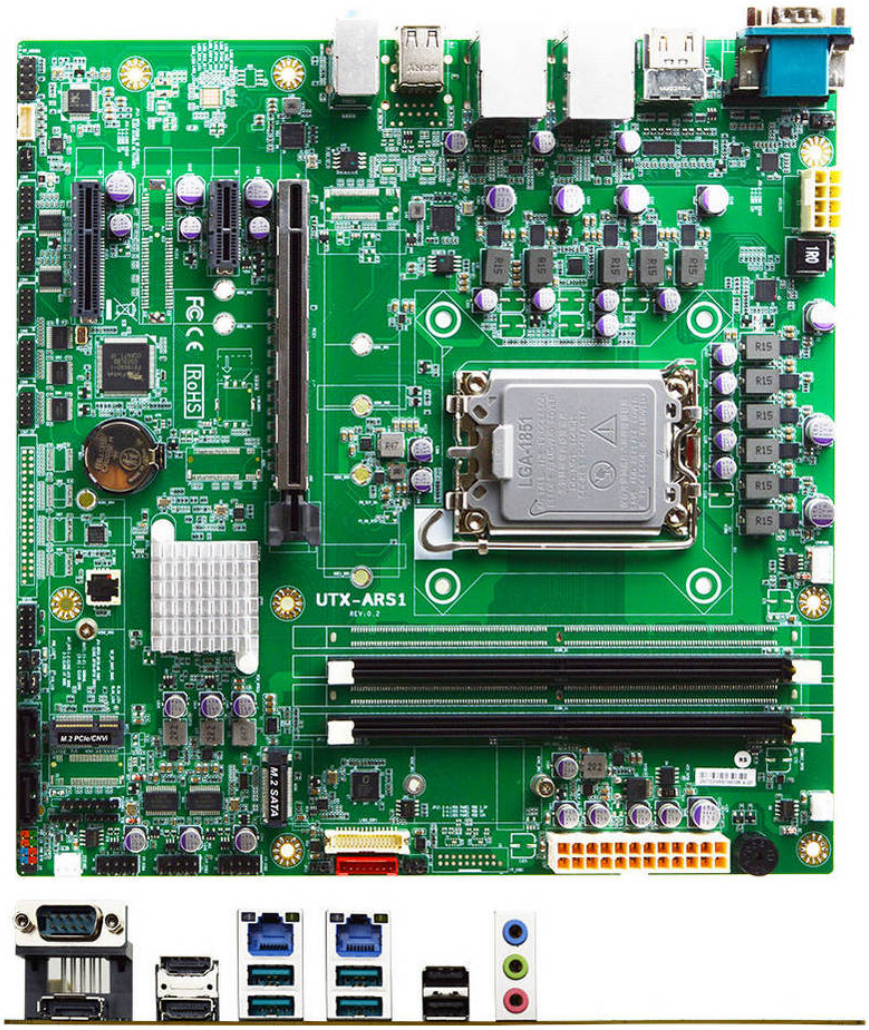

459.00 EUR
incl. 19% VAT, plus shipping

- Intel Arrow Lake-S !
- Intel H810 !
- 2x 2.5GbE !
- PCIe Gen5 x16 !

The JETWAY UTX-ARS1-H810 is an industrial Micro-ATX motherboard for Intel® Core? Ultra Processors (Series 2), Arrow Lake-S, with Socket LGA1851 and Intel® H810 chipset. The board supports two DDR5 6400 MT/s CU-DIMM memory modules in dual-channel mode, up to 128GB. Two Intel® I226-V 2.5GbE ports provide network connectivity. For display connectivity, the board offers two HDMI® 2.1 TMDS ports, one DisplayPort 1.4a port, and one dual-channel LVDS connector with co-layout eDP, supporting three displays. Further interfaces include four USB 3.2 ports, eight USB 2.0 ports, and up to ten COM ports. Two SATA III ports, M.2 M-Key and M.2 E-Key slots, plus PCIe Gen 5 x16, PCIe Gen 4 x4, and PCIe Gen 4 x1 are available for storage and expansion.

- Intel® Core? Ultra Processors (Series 2), Arrow Lake-S, Socket LGA1851, max. 125W TDP
- Intel® H810 chipset
- 2 x DDR5 6400 MT/s dual-channel CU-DIMM up to 128GB
- 2 x Intel® I226-V 2.5GbE
- 2 x HDMI® 2.1 TMDS, 1 x DP 1.4a, 1 x dual-channel LVDS with co-layout eDP
- Support 3 displays
- 2 x USB 3.2 Gen 2x1, 2 x USB 3.2 Gen 1x1, 8 x USB 2.0
- 1 x DB-9 RS-232/422/485, 5 x internal RS-232, optional 4 x internal RS-232
- 2 x SATA III, 1 x M.2 M-Key, 1 x M.2 E-Key
- 1 x PCIe Gen 5 x16, 1 x PCIe Gen 4 x4, 1 x PCIe Gen 4 x1

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)
CHIPSET	Intel® H810
MEMORY	2 x DDR5 6400MT/s, Dual Channel CU-DIMM, up to 128GB
BIOS	UEFI
SECURITY	Intel® PTT (Integrated fTPM) TPM2.0 (dTPM, Optional)
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 3 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
ETHERNET	2 x RJ45 for Intel® I226-V 2.5 GbE
USB	2 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 2 x USB 3.2 Gen 1x1 (5Gbps, Formerly USB 3.1 Gen 1) 2 x USB 2.0 Internal Header for 6 x USB 2.0
COM	1 x DB-9 for RS-232/422/485 Internal Header for 5 x RS-232 Internal Header for 4 x RS-232 (Optional)
INTERNAL I/O	8-Bit GPIO SMBUS I2C 1 x CPU Fan Header 2 x System Fan Header HDD Active LED Power LED Power On/Off Reset 1 x Chassis intrusion 1 x AT/ATX Mode Selection
STORAGE	2 x SATA III 1 x M-Key 2242/2280 (SATA III) 1 x E-Key 2230 (USB 2.0/PCIe Gen 4 x1) support CNVio
EXPANSION	1 x PCIe Gen 5 x16 1 x PCIe Gen 4 x4 1 x PCIe Gen 4 x1
POWER INPUT	ATX Power Supply Internal 24+8-pin ATX Header AT / ATX (Default) Mode

ENVIRONMENT	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 REACH TSCA Declaration PRO65 Declaration CMRT Report
OS SUPPORT	Windows® 11 (64bit) Linux
PACKAGE	1 x UTX-ARS1 Mother Board 3 x COM Cable 2 x SATA Cable, 50cm 1 x I/O Shield 2 x Jumper