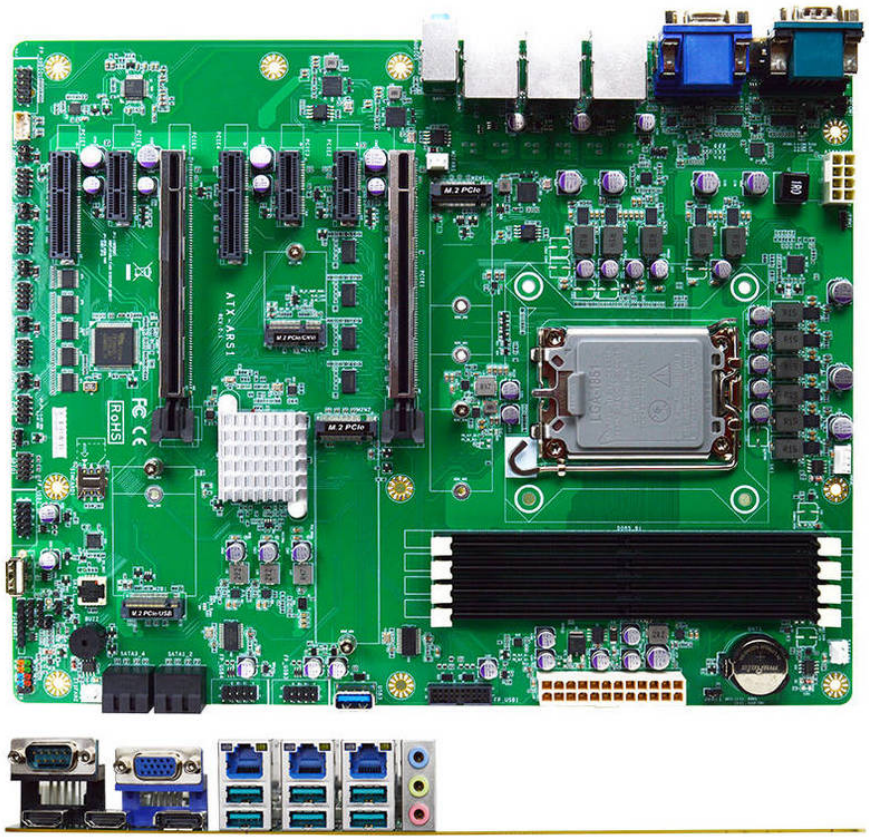

639.00 EUR
incl. 19% VAT, plus shipping

- Intel Core Ultra Series 2 !
- Q870 Chipset !
- 3x 2.5GbE LAN !
- 2x PCIe Gen 5 x16 !

- Powered by Intel® Core? Ultra processors (Arrow Lake-S) with Intel® Q870 chipset
- 4 x DDR5 6400MT/s Dual Channel CU-DIMM, up to 256GB
- Triple 2.5GbE networking: 3 x Intel® 2.5GbE Ethernet ports
- Versatile storage options: 4 x SATA III with RAID 0/1/5/10, 2 x M.2 M-Key with NVMe support
- Multiple expansion slots: 2 x PCIe Gen 5 x16, 2 x PCIe Gen 4 x4, 3 x PCIe Gen 4 x1, 1 x M.2 E-Key and 1 x M.2 B-Key
- Quad display support: 2 x 4K HDMI® 2.1 TMDS, 1 x 4K DP and 1 x VGA
- Rich connectivity: 9 x USB 3.2, 7 x USB 2.0, 6 x COM and 1 x 8-Bit GPIO
- Enhanced security: Intel® PTT (integrated fTPM), TPM 2.0 optional

SYSTEM	
MB FORM FACTOR	ATX
CPU	Intel® LGA1851 Socket, Processor Arrow Lake-S (MAX. TDP 125W)
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)	305.0 (W) x 244.0 (D) mm (12" x 9.6")
OS SUPPORT	Windows® 11 (64bit) Linux
POWER	
POWER REQUIREMENT	ATX Power Supply

POWER ON MODE	ATX (Default) Mode
CONNECTOR	Internal 24+8-pin ATX Header
DISPLAY	
GPU	Intel® Graphics
DP	1 x DP1.4a (Max Resolution: 4096 x 2160@60Hz)
HDMI®	2 x HDMI® 2.1 TMDS (Max Resolution: 4096 x 2160@60Hz)
VGA	1 x VGA (Max Resolution: 1920 x 1080 @60Hz)
MULTIPLE DISPLAY	Support 4 Displays
AUDIO	
CODEC	Realtek 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
LAN	
ETHERNET	1 x RJ45 for Intel® I226-LM 2.5GbE 2 x RJ45 for Intel® I226-V 2.5GbE vPro / iAMT Supported
USB PORT	
USB	6 x USB 3.2 Gen 2 Internal Header for 2 x USB 3.2 Gen 1 Internal Header for 6 x USB 2.0 Internal USB Type A (Vertical) for 1 x USB 3.2 Gen 1x1 Internal USB Type A (Vertical) for 1 x USB 2.0
SERIAL PORT	
COM	1 x DB-9 for RS-232/422/485 Internal Header for 5 x RS-232
INTERNAL I/O	
GPIO	8-Bit
SMBUS	Yes
FAN	1 x CPU Fan Header (Smart Fan) 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
STORAGE	
SATA	4 x SATA III
RAID	Intel® VMD RAID 0, 1 & SATA RAID 0, 1, 5, 10
EXPANSION	
PCIe	2 x PCIe Gen 5 x16 slots (1 x PCIe Gen 5 x16 or 2 x PCIe Gen 5 x8) 2 x PCIe Gen 4 x4 3 x PCIe Gen 4 x1
M.2	1 x M-Key 2242/2260/2280/22110 (PCIe Gen 5 x4) support NVMe 1 x M-Key 2280 (PCIe Gen 4 x4) support NVMe 1 x E-Key 2230 (USB 2.0/PCIe Gen 3 x1) support CNVio 1 x B-Key 3042/3052 (USB3.1/USB2.0/PCIe Gen 3 x1) for 4G/5G module
SIM	1 x Nano SIM Card Slot
OTHERs	
OTHER	1 x PS/2
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
STORAGE HUMIDITY	10 ~ 90% @40°C, Non-condensing
CERTIFICATION	CE/FCC Class A LVD
ESG DECLARATION	EU RoHS, China RoHS, WEEE, REACH, TSCA Declaration, PRO65 Declaration, CMRT Report