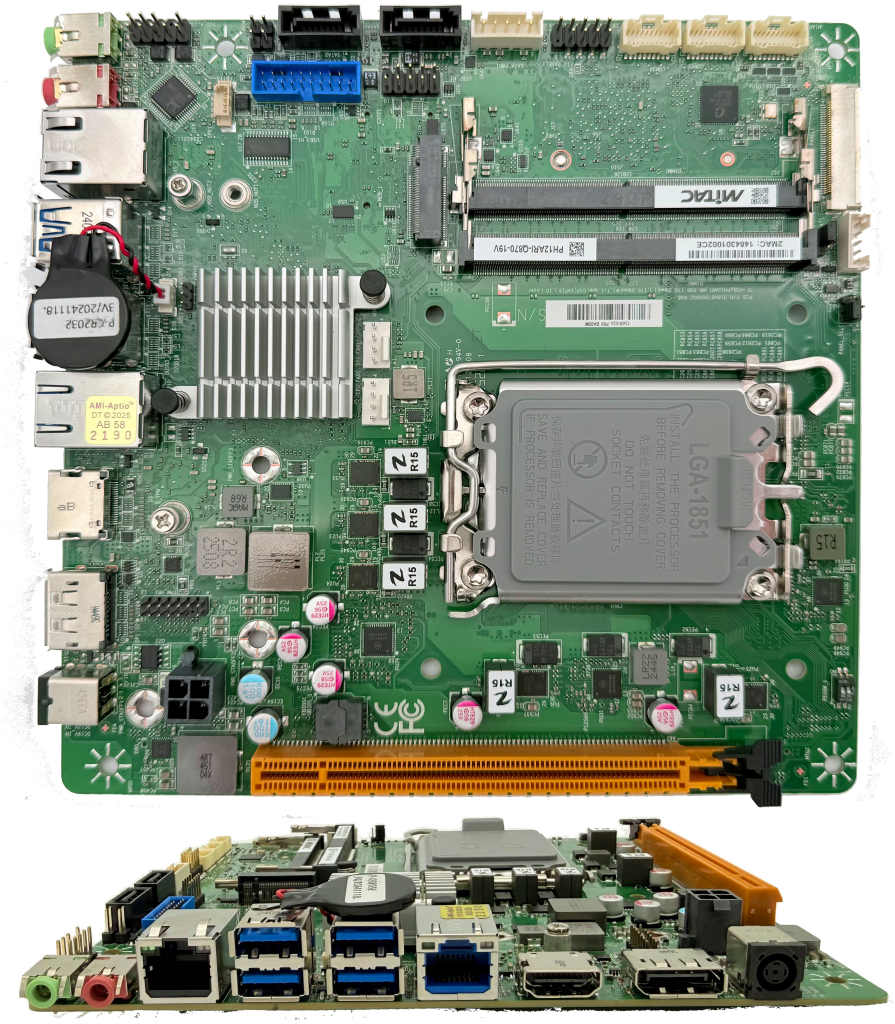

279.00 EUR
incl. 19% VAT, plus shipping

- Intel Q870 Chipset !
- Intel vPro tech support !
- up to 96GB DDR4 SO-DIMM !
- Support triple display !

Thin Mini-ITX Form Factor Intel® Arrow Lake-S 15th Processor with H810/Q870 Chipset

- ntel® Arrow Lake-S Core Ultra 5/7/9 processor, TDP up to 65W
- Intel® Q870 Chipset
- Intel® vPro technology support (Q870)
- 2x DDR5 SO-DIMM up to 96GB
- Support triple display for HDMI, DisplayPort and LVDS/eDP
- 1x M.2 2280 M-key, 1 x M.2 2230 E-key, 1 x M.2 2242/3042/3052 B-Key, 1 x PCIe5.0 X16
- 1 x Intel® 2.5Gigabit Ethernet, 1 x Intel® Gigabit Ethernet
- DC-in 19V

MECHANICAL	FORM FACTOR	Mini-ITX: 6.7" x 6.7" (170 mm x 170 mm)

SYSTEM	PROCESSOR	Intel® 15th Gen (Arrow Lake-S) LGA1851 Core™ Processors, Core Ultra 9/7/5, TDP Max. 65W
	CHIPSET	Intel® Q870 (support SATA RAID 0,1,5,10)
	SYSTEM MEMORY	2 x 262-pin SO-DIMM / DDR5 6400 MHz / Max. 96GB (Non-ECC)
	GRAPHICS	Intel® Graphics
	ETHERNET	Intel® I219-LM Giga LAN + Intel® I226V 2.5 Giga LAN
	AUDIO	Realtek® ALC888S
	I/O CHIPSET	Nuvoton NCT6126D(eSPI)
	TPM	TPM Header / (support optional TPM 2.0 module)
	EXPANSION SLOT	1 x NanoSIM slot to M.2 B Key slot / 1 x M.2 2230 E key (CNVi , PCIeX1, USB 2.0) / Storage/LTE/5G Slot: 1 x M.2 2242/3042/3052 B Key (USB2.0/PCIeX1/SATAIII) / 1x M.2 2280 M key (PCIe4.0 X4, SATAIII) / 1x PCIe 5.0 X16 slot
	BIOS	AMI BIOS / 256 Mbit SPI
	H/W MONITOR	Temperature Monitor / Voltage Monitor / Fan Monitor
	WATCHDOG TIMER	1~255 steps by software program
	SMART FAN CONTROL	CPU Fan / System Fan
GRAPHICS	2nd DISPLAYPORT	-
	VGA	-
	DVI	-
	HDMI	Up to 4K (4096 x 2160) @30 Hz
	DISPLAYPORT	Up to 4K (4096 x 2304) @60 Hz
	LVDS	Up to 1920 x 1200 @60 Hz
	eDP (Option)	Up to 4K (4096 x 2304) @60 Hz
REAR I/O	USB	2 x USB3.2 Gen1 + 2 x USB3.2 Gen2 (H810) / 4 x USB3.2 Gen2 (Q870)
	DISPLAY I/O	1 x HDMI 1.4 / 1 x DisplayPort 1.2
	AUDIO I/O	1 x Mic-in / 1 x Line-out
	LAN I/O	2 x RJ-45
	SERIAL PORT	-
	PS/2 PORT	-
	OTHERS	DC-in 12V (2.5 mm / ID, 5.5 mm / OD) / DC-in 19V (5.1 mm / ID, 7.4 mm / OD)

INTERNAL CONNECTORS	STORAGE	2 x SATAIII
	USB	Q870 & H810: 2 x USB 2.0 (1 x 2.54 pitch header) / Q870: 2 x USB3.2 Gen1 (1 x USB 3.2 header)
	DISPLAY I/O	1 x LVDS (*Optional eDP SKU available) / 1 x Backlight Connector
	AUDIO I/O	1 x speaker 2W 4-pin header with amplifier / 1 x Audio Header (Front Panel Mic-in & Line-out)
	SERIAL PORT	1 x RS232 / 1 x RS232 / 422 / 485 / (Extra 2 x RS232 Header by BOM option)
	PARALLEL PORT	-
	GPIO	1 x MiAPI Header (Programmable. Support 10-bit GPIO)
	FAN	1 x 4-pin CPU Fan Header / 1 x 4-pin System Fan Header
	POWER	1 x AT / ATX Mode Select Jumper / 1 x 4-pin ATX Power Connector / 1 x 12~26V 4-pin Power Connector (Wide Voltage SKU))
	OTHERS	1 x CMOS Jumper / 1 x panel power select header / 1x buzzer header / 1 x FIO header
POWER REQUIREMENT	POWER INPUT	DC-in 12V (2.5 mm / ID, 5.5 mm / OD) / ATX 4-pin 12V / DC-in 19V (5.1 mm / ID, 7.4 mm / OD) / ATX 4-pin 19V / DC-in 12V~26V (4-pin Power Connector with 3-pin Terminal Block Cable in accessories)
ENVIRONMENTAL	OPERATING TEMPERATURE	-20°C ~ 60°C (4 ~ 140°F)
	STORAGE TEMPERATURE	-40 ~ 85°C (-40 ~185°F)
	OPERATING HUMIDITY	10% ~ 95% R/H (Non-condensing)
	CERTIFICATION	CE / FCC Class A
OS	OS SUPPORT	Linux (support by request) / Windows® 10 64-bit / Windows® 11 64bit,
PACKING LIST	PACKAGE	2 x I/O Bracket (Half and Full Height) / 1 x SATA & SATA PWR Cable / 1 x Motherboard