

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

- Intel Alder Lake !
- Dual INTEL LAN !
- Multi expansion Slot !
- 3,5" SBC !



- Intel® Alder Lake-N N97 (4C) / i3-N305 (8C8T) Processor
- 1 x DDR5 SO-DIMM and support up to 16GB
- Support Triple display for LVDS (optional eDP), HDMI, and DisplayPort
- 2 x Intel® i226 2.5Gigabit Ethernet
- 1 x M.2 B Key, 1 x M.2 M Key, 1 x M.2 E Key slot
- 2 x USB 2.0, 3 x USB 3.2 Gen2 and 1 x USB Type C
- 8V~26V wide voltage power input

MECHANICAL	FORM FACTOR	3.5" SBC: 4" x 5.8" (102 mm x 147 mm)
	PROCESSOR	Intel® Alder Lake-N N97 (4C) / i3-N305 (8C8T) Processor
	CHIPSET	Intel® SoC Integrated
	SYSTEM MEMORY	DDR5 4800 MHz / 1 x 262-pin SO-DIMM / Max. 16GB (Non-ECC)
	GRAPHICS	Intel® UHD Graphics
	ETHERNET	2 x Intel® I226-V 2.5G LAN
	AUDIO	Realtek® ALC256
	I/O CHIPSET	Nuvoton NCT6126D
SYSTEM	TPM	Nuvoton NPCT760AABYX TPM2.0
	EXPANSION SLOT	Storage/LTE/5G Slot: 1 x M.2 2242/3042/3052 B Key (USB2.0/PCIeX1/SATAIII) / Storage: 1 x M.2 2280 M Key (PCIeX1/SATAIII) / Wireless: 1 x M.2 2230 E key (PCIeX1, USB2.0)
	BIOS	AMI BIOS
	H/W MONITOR	Temperature Monitor / Voltage Monitor / Fan Monitor
	WATCHDOG TIMER	1~255 steps by software program
	SMART FAN CONTROL	CPU Fan

GRAPHICS	HDMI	Up to 4K (3840 x 2160) @30 Hz	
	DISPLAYPORT	Up to 4K (4096 x 2160) @60 Hz	
	LVDS	Up to 1920 x 1200 @60 Hz	
	eDP (Option)	Up to 5120 x 3200 @60 Hz	
REAR I/O	USB	3 x USB 3.2 Gen 2 / 1 x USB Type C (Support PD15W, 5V/3A, DP Alt mode, USB3.2 Gen1)	
	DISPLAY I/O	1 x HDMI 1.4 / 1 x DisplayPort 1.4b	
	AUDIO I/O	-	
	LAN I/O	2 x RJ-45	
	SERIAL PORT	-	
	PS/2 PORT	-	
	OTHERS	1 x 2PIN Remote Power on/off Terminal Block	
	STORAGE	2 x SATAIII / 2 x SATA power header *1 SATA port Multiplexed with M.2 B key SATA	
	USB	2 x USB 2.0	
	DISPLAY I/O	1 x LVDS (*Optional eDP SKU available) / 1 x Backlight Connector	
INTERNAL CONNECTORS	AUDIO I/O	1 x speaker header Header with amplifier / 1 x Audio Header (Front Panel Mic-in & Line-out)	
	SERIAL PORT	3 x RS232 / 1 x RS232 / 422 / 485	
	MiAPI	Programmable header (support 10 x GPIO, 1 x SMBUS, 1 x UART, 1 x Watchdog) with API library supported for Windows OS	
	FAN	1 x 4-pin System Fan Header	
	POWER		1 x AT / ATX Mode Select Jumper / 1 x 8~24V ATX Power Connector 1 x CMOS Jumper / 1 x Chassis Front Panel Header (2 x 5-pin)
		OTHERS	/ 1 x panel power select header / 1 x backlight power select header / 1 x Buzzer
			8~26V Wide Range DC Input w/ 4-pin Power Header (Pitch: 2.5mm)
	POWER REQUIREMENT	POWER INPUT	
	ENVIRONMENTAL	OPERATING TEMPERATURE	-25~60°C with 0.7m/s Air Flow (w/ Wide Temp. SSD/RAM)
		STORAGE TEMPERATURE	-40 ~ 85°C (-40 ~185°F)
OPERATING HUMIDITY		10% ~ 95% R/H (Non-condensing)	
CERTIFICATION		CE / FCC Class B	
OS	OS SUPPORT	Linux (support by request) / Ubuntu 20.04 / Windows® 10 64-bit / Windows® 11 64bit,	
PACKING LIST	PACKAGE	1 x 50 cm SATA Cable / 1 x 45 cm SATA Power Cable / 1 x Motherboard	