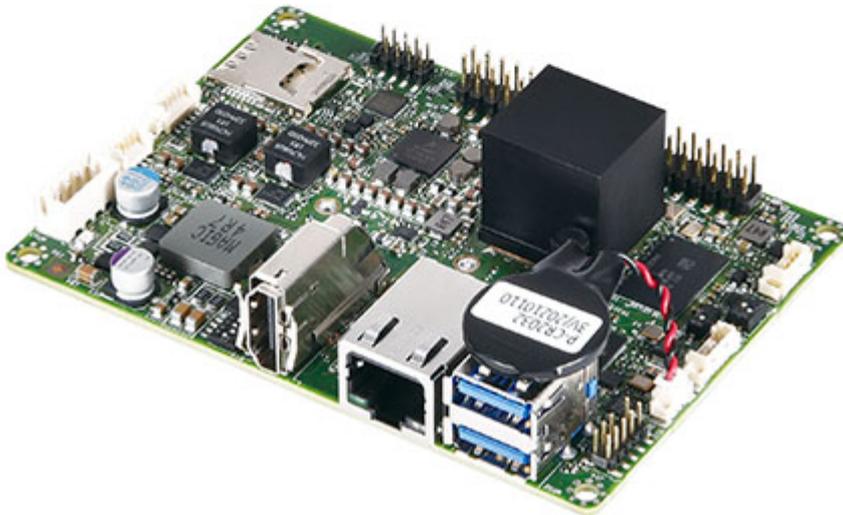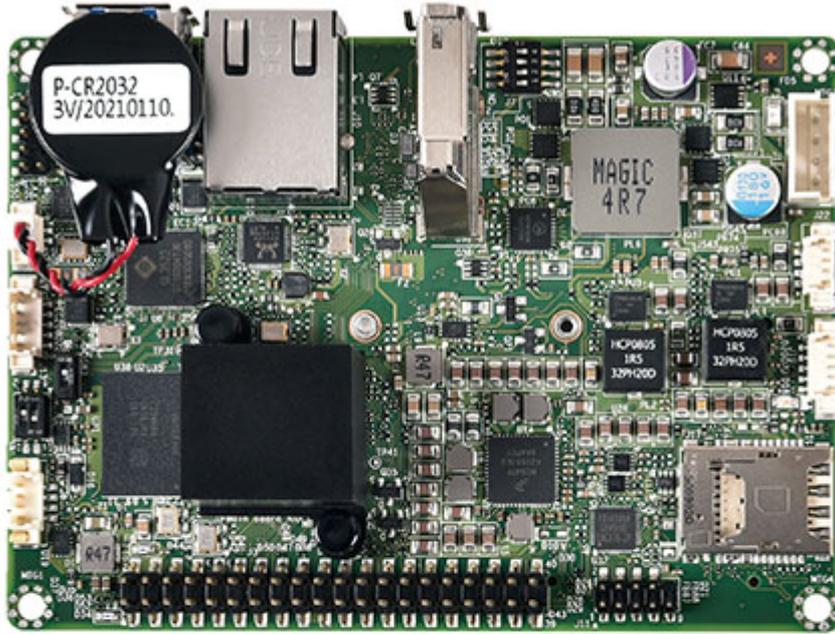209.00 EUR
incl. 19% VAT, plus shipping

- Pico-iTX !
- NXP i.MX8M !
- 1GB DDR4 !
- 8GB eMMC !

- NXP i.MX8M Dual Core & Quad Core Processor
- 1GB LPDDR4 Memory (Options for 2GB / 4GB)
- 8GB eMMC Storage (Options for 16GB / 32GB)
- Support up to 1 x Giga LAN
- Support up to 1 x display: 1x HDMI (4K)
- Support 1 x Mini PCIe expansion slot
- Support 1 x Raspberry Pi fully Compatible 40-pin Header
- Up to 2 x USB 3.0, 2 x USB 2.0, 1 x COM port (RS232/422/485) 12~24V DC Power Input

ND118T (ND118T) Specifications

MECHANICAL		FORM FACTOR	Pico-iTX 2.5" SBC: 3.94" x 2.84" (100 mm x 72 mm)
SYSTEM		PROCESSOR	NXP® i.MX8M Family: / i.MX8M Quad (4 x Cortex-A53 @ 1.3GHz) / i.MX8M Dual (2 x Cortex-A53 @ 1.3GHz)
		CHIPSET	i.MX8M SoC Integrated
		SYSTEM MEMORY	LPDDR4 Onboard Memory with Options: 1GB (800MHz), 2GB (1600MHz), 4GB (1600MHz)
		GRAPHICS	I.MX8 Integrated
		ETHERNET	1 x Realtek® RTL8211FD Giga LAN
		AUDIO	Realtek® ALC5660
		I/O CHIPSET	-
		EXPANSION SLOT	Mini PCIe Full / Half size (PCIe / USB)
		STORAGE	Onboard eMMC with Options for 8GB / 16GB / 32GB
		WATCHDOG TIMER	Yes
GRAPHICS		VGA	-
		DVI	-
		HDMI	Up to 4K (4096 x 2160) @60 Hz
		DISPLAYPORT	-
		LVDS	Up to FHD (1920 x 1080)@60 Hz
		eDP (Option)	-
		USB	2 x USB 3.2 Gen1
REAR I/O		DISPLAY I/O	1 x HDMI 2.0
		AUDIO I/O	-
		LAN I/O	1 x RJ-45
		SERIAL PORT	-
		PS/2 PORT	-
		OTHERS	-

INTERNAL CONNECTORS	STORAGE	1 x Micro-SIM or Micro SD combo card slot
	USB	1 x USB 2.0 Port Header / 1 x USB 2.0 OTG port Header
	DISPLAY I/O	1 x Backlight Connector / 1 x LVDS / 1 x LCD PWR Selection Header
	AUDIO I/O	1 x Audio Header (Mic-in & Line-out)
	SERIAL PORT	1 x RS232 / 422 / 485
	GPIO	-
	FAN	-
	POWER	1 x 12~24V 4-pin Power Connector
	OTHERS	1 x 40-pin General Purpose Header (Fully Compatible with Raspberry Pi 40-pin Header) *Raspberry Pi is a trademark of the Raspberry Pi Foundation
POWER REQUIREMENT	POWER INPUT	DC-in 12V~24V (4-pin Power Connector)
ENVIRONMENTAL	OPERATING TEMPERATURE	-10°C~65°C (14~149°F)
	STORAGE TEMPERATURE	-20 ~ 70°C (-4 ~158°F)
	OPERATING HUMIDITY	10% ~ 95% R/H (Non-condensing)
	CERTIFICATION	CE / FCC Class B
OS	OS SUPPORT	Android 9 Pie (Kernel version 4.14.98) BSP Support / (Remark: Android is suggested for 4G memory MB SKU) / Yocto Gatesgarth 3.2 is preinstalled (BSP Support)
PACKING LIST	PACKAGE	1 x Motherboard