



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	-
REAR I/O	LVDS	Up to FHD (1920 x 1080)@60 Hz
	eDP (Option)	-
	USB	2 x USB 3.2 Gen1
	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
USB		1 x USB 2.0 Port Header / 1 x USB 2.0 OTG port Header

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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 INPUT	DC-in 12V~24V (4-pin Power Connector)
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 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)
PACKAGE	1 x Motherboard

POWER  
REQUIREMENT  
ENVIRONMENTAL

OS

PACKING LIST