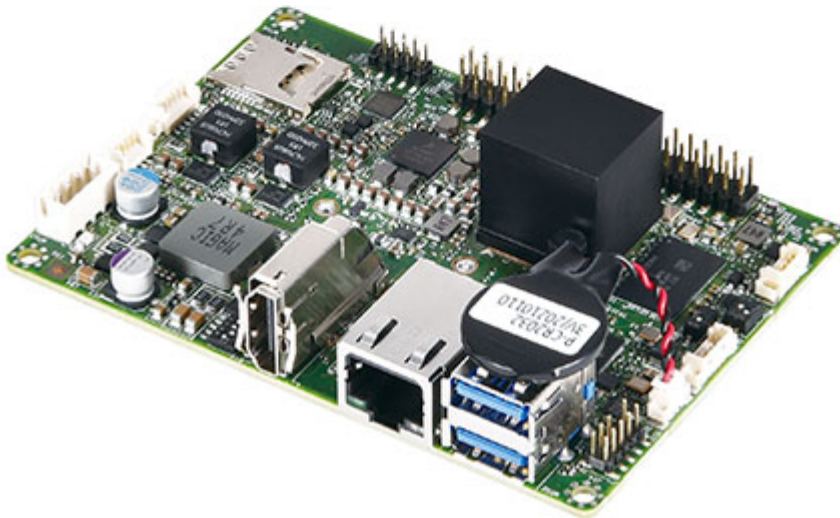
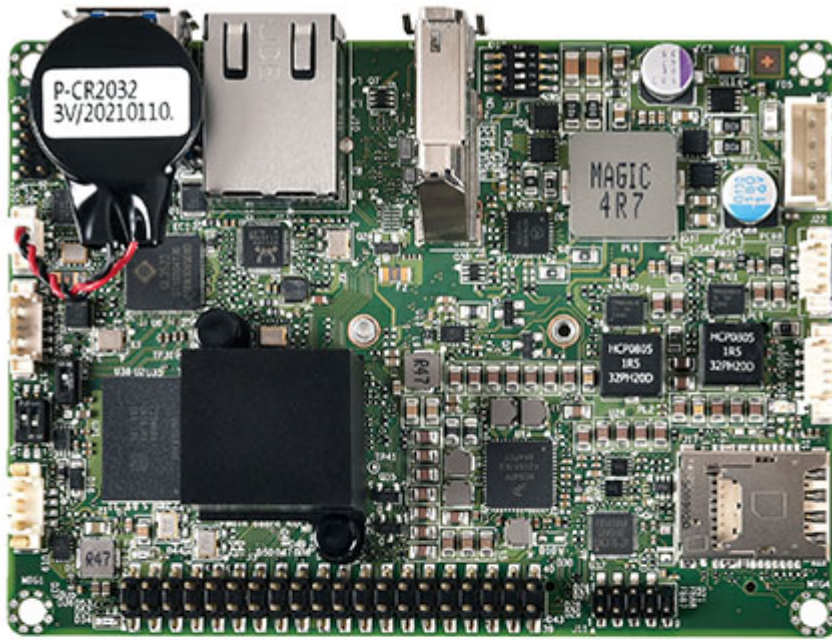


198.00 EUR

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"<br>(100 mm x 72 mm)                                                |
|            | 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)                      |
| SYSTEM     | GRAPHICS       | I.MX8 Integrated                                                                                    |
|            | ETHERNET       | 1 x Realtek® RTL8211FD Giga LAN                                                                     |
|            | AUDIO          | Realtek® ALC5660                                                                                    |
|            | I/O CHIPSET    | -                                                                                                   |
| GRAPHICS   | EXPANSION SLOT | Mini PCIe Full / Half size (PCIe / USB)                                                             |
|            | STORAGE        | Onboard eMMC with Options for 8GB / 16GB / 32GB                                                     |
|            | WATCHDOG TIMER | Yes                                                                                                 |
|            | 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               | 1 x Micro-SIM or Micro SD<br>combo card slot                                                                                                                 |
|                     | USB                   | 1 x USB 2.0 Port Header<br>/ 1 x USB 2.0 OTG port Header                                                                                                     |
|                     | DISPLAY I/O           | 1 x Backlight Connector<br>/ 1 x LVDS<br>/ 1 x LCD PWR Selection Header                                                                                      |
|                     | AUDIO I/O             | 1 x Audio Header (Mic-in &<br>Line-out)                                                                                                                      |
|                     | SERIAL PORT           | 1 x RS232 / 422 / 485                                                                                                                                        |
|                     | GPIO                  | -                                                                                                                                                            |
| POWER REQUIREMENT   | FAN                   | -                                                                                                                                                            |
|                     | POWER                 | 1 x 12~24V 4-pin Power<br>Connector                                                                                                                          |
|                     | OTHERS                | 1 x 40-pin General Purpose<br>Header (Fully Compatible with<br>Raspberry Pi 40-pin Header)<br>*Raspberry Pi is a trademark of<br>the Raspberry Pi Foundation |
| ENVIRONMENTAL       | POWER INPUT           | DC-in 12V~24V (4-pin Power<br>Connector)                                                                                                                     |
|                     | OPERATING TEMPERATURE | -10°C~65°C (14~149°F)                                                                                                                                        |
|                     | STORAGE TEMPERATURE   | -20 ~ 70°C (-4 ~158°F)                                                                                                                                       |
|                     | OPERATING HUMIDITY    | 10% ~ 95% R/H<br>(Non-condensing)                                                                                                                            |
| OS                  | CERTIFICATION         | CE / FCC Class B                                                                                                                                             |
|                     | OS SUPPORT            | Android 9 Pie (Kernel version<br>4.14.98) BSP Support / (Remark:<br>Android is suggested for 4G<br>memory MB SKU) / Yocto                                    |
|                     |                       | Gatesgarth 3.2 is preinstalled<br>(BSP Support)                                                                                                              |
| PACKING LIST        | PACKAGE               | 1 x Motherboard                                                                                                                                              |