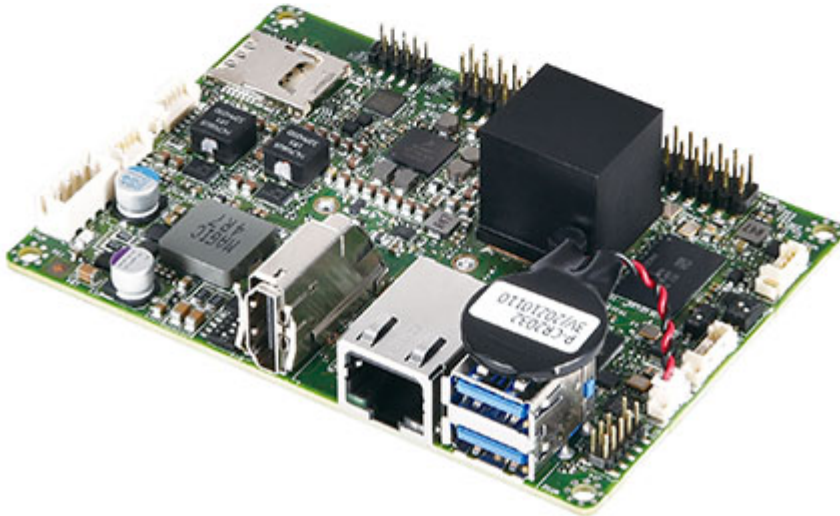
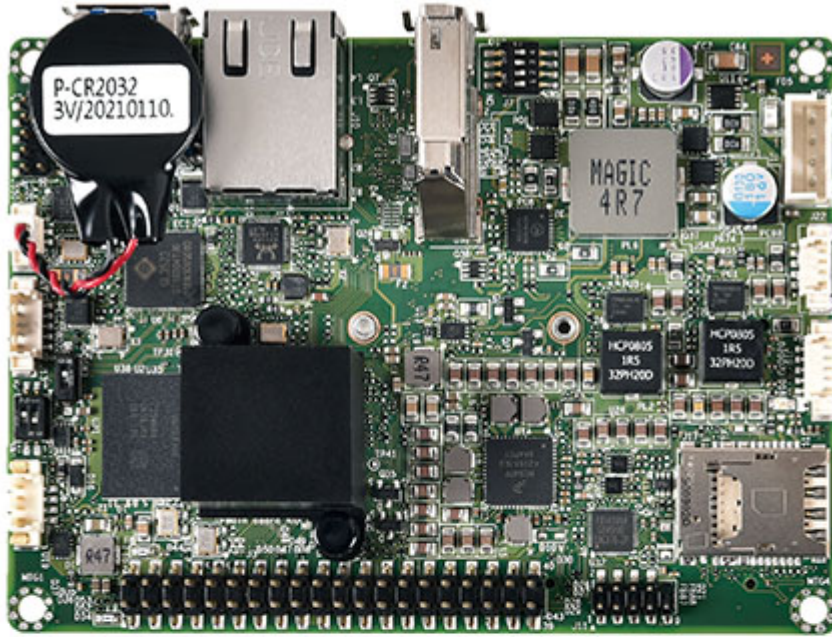


198.00 EUR

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**

| 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) |
| SYSTEM                         | 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   |
|                                | VGA            | -   |
| GRAPHICS                       | 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         | -   |

|                     |                       |  |
|---------------------|-----------------------|--|
|                     | 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  |
| INTERNAL CONNECTORS | AUDIO I/O             | 1 x Audio Header (Mic-in &<br>Line-out)  |
|                     | SERIAL PORT           | 1 x RS232 / 422 / 485  |
|                     | GPIO                  | -  |
|                     | 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                                     |
| POWER REQUIREMENT   | POWER INPUT           | DC-in 12V~24V (4-pin Power<br>Connector)   |
|                     | OPERATING TEMPERATURE | -10°C~65°C (14~149°F)  |
| ENVIRONMENTAL       | STORAGE TEMPERATURE   | -20 ~ 70°C (-4 ~158°F)   |
|                     | OPERATING HUMIDITY    | 10% ~ 95% R/H<br>(Non-condensing)  |
|                     | CERTIFICATION         | CE / FCC Class B<br>Android 9 Pie (Kernel version<br>4.14.98) BSP Support / (Remark:<br>Android is suggested for 4G<br>memory MB SKU) / Yocto<br>Gatesgarth 3.2 is preinstalled<br>(BSP Support) |
| OS                  | OS SUPPORT            |  |
| PACKING LIST        | PACKAGE               | 1 x Motherboard  |