



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

- i.MX8M Processor !
- Fanless !
- 2x LAN !
- ME1-108T !



- NXP® i.MX8M Dual Core & Quad Core Processor
- 4GB LPDDR4 Memory onboard (1GB / 2GB Optional)
- 32GB eMMCStorage onboard (8GB / 16GB Optional)
- Support up to x2 Giga LAN
- Support up to x2 HDMI (4K) + 1x DisplayPort (FHD)
- Support x1 Mini PCIe expansion slot
- 2 x USB 3.0, 1 x USB 2.0, 1 x COM port (x RS232/422/485), 4in-4out GPIO
- 12V DC input

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| CPU | NXP® i.MX8M Family - 8M Quad (4 x Cortex-A53 @ 1.3GHz) - 8M Dual (2 x Cortex-A53 @ 1.3GHz) |
| CHIPSET | i.MX8M SoC Integrated |
| SYSTEM MEMORY | LPDDR4 Onboard Memory with Options: 1GB (1200MHz), 2GB (1600MHz), 4GB (1600MHz) |
| GRAPHICS | i.MX8 Integrated |
| STORAGE | 1 x Micro SD card slot (Up to 256GB) / Onboard eMMC with Options for 8GB / 16GB / 32GB |

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|------------------------|--|
| ETHERNET | 1 x Realtek® RTL8111H Giga LAN / 1 x Realtek® RTL8211FD Giga LAN |
| AUDIO | Realtek® ALC5660 |
| SIDE I/O | 1 x Micro SD/SIM card slot / 1 x GPIO 10-pin (4in/4out/5V/GND, Terminal Block) |
| EXPANSION SLOT | Mini PCIe Full / Half size (PCIe / USB) |
| INDICATOR | Power Button / Power LED |
| FRONT I/O | 1 x USB 2.0 / 1 x RS232 / 422 / 485 |
| REAR I/O | 1 x HDMI 2.0 / 1 x DisplayPort 1.2 / 2 x RJ-45 / 2 x USB 3.0 / 1 x 3-pin Terminal Block Power Input |
| POWER ADAPTER | DC12V / 3A / 36W adapter |
| OPERATING TEMPERATURE | 0 ~ 55°C (32 ~131°F) |
| STORAGE TEMPERATURE | -20 ~ 70°C (-4 ~158°F) |
| OPERATING HUMIDITY | 10% ~ 90% R/H (Non-condensing) |
| STORAGE HUMIDITY | 10% ~ 95% @85°C non-condensing |
| CERTIFICATION | CE / FCC Class B |
| ANTENNA | 2 x SMA Antenna (Optional for WiFi / LTE function) |
| THERMAL DESIGN | Fanless & Ventless |
| MOUNTING | Wallmount / VESA Mount (75 x 75mm) 2-in-1 Bracket |
| DIMENSIONS (W X D X H) | 140 x 100 x 38.75mm |
| MATERIAL | Enclosure: Sheet Metal |
| OS SUPPORT | Yocto Sumo (Kernel version 4.14.98) BSP Support / Android 9 Pie (Kernel version 4.14.98) BSP Support / (Remark: Android is suggested for 4G memory MB SKU) |
| PACKAGE | 1 x Quick Installation Guide / 1 x Embedded System / 1 x Wall Mount Brackets / 1 x 10P terminal block male plug |