



498.00 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

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

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