

NET-II 2N8MP01

Compact Fanless Embedded Computer
with NXP i.MX8M Plus Processor

Features:

- NXP i.MX8M Plus (Quad core) ARM Cortex A53 + M7 processor
- On Board LPDDR4, 4GB / 8GB
- HDMI®, HD Audio, 1 x Micro SD
- 3 x GbE LAN, 2 x USB 3.0, 2 x USB 2.0
- 1 x Type C USB 3.0 / 2.0 (OTG)
- 3 x M.2, 1 x Nano SIM, 2 x COM, TPM 2.0

Specifications :

Motherboard	2N8MP01	
CPU	NXP i.MX8M Plus (Quad core) ARM Cortex A53 + M7 processor	
Chipset	Vivante GC700UL GPU	
Memory	LPDDR4, 4GB / 8GB	
Storage	64GB eMMC 5.1, 1 x Micro SD, M.2-SSD	
Expansion slots	1 x M.2 B Key 2242 / 3042 / 3052 (USB 3.0 / 2.0)	
	1 x M.2 E Key 2230 (SDIO)	
	1 x M.2 B Key 2242 / 2280 (PCIe x1)	
	1 x Nano SIM	
I/O ports	Network	2 x GbE (RTL8211) + 1 x LAN 7800
	USB	2 x USB 3.0
		2 x USB 2.0
		1 x Type C USB 3.0 / 2.0 (OTG)
	DI/O	6DI / 6DO (Option)
	Audio	Mic-in / Line-out
	Series Port	1 x RS422, 1 x RS485,
		1 x CANBus (Option)
	Display	1 x HDMI®
OS Support	Yocto Scarthgap Kernel 6.6 – multimedia	

Mechanical

Dimensions	120W x 90D x 55H mm
Weight	0.7 kg
Mounting	DIN-Rail Mount*

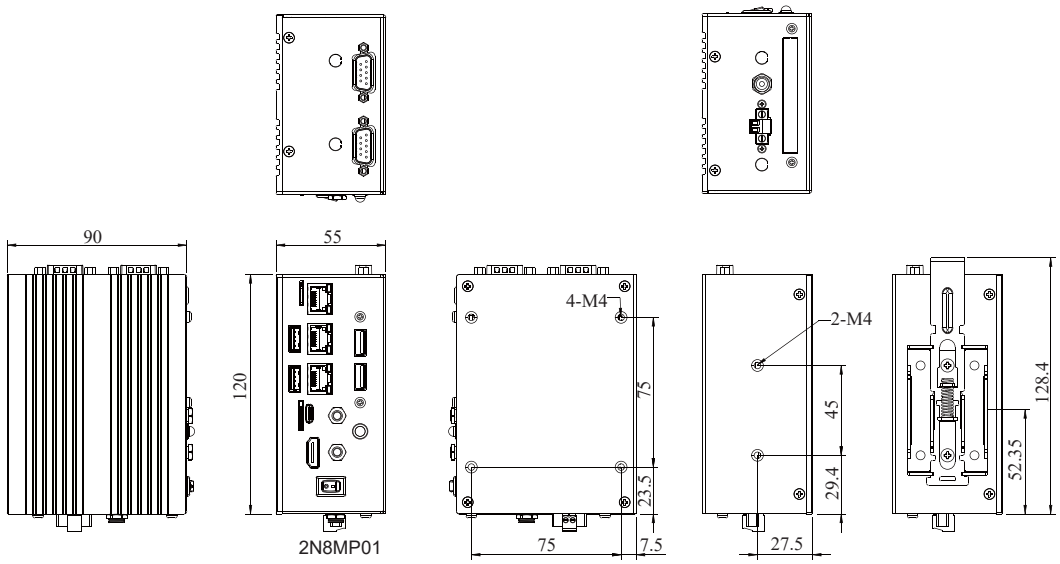
Power

DC input	Wide Range +9~24V

Environment

Operating Temp. (100 % CPU usage)	-40°C to +65°C
Relative Humidity	95% @ 40°C, non-condensing

Dimension



Specification are subject to change without prior notice. ODM / OEM is available.

Lex SYSTEM