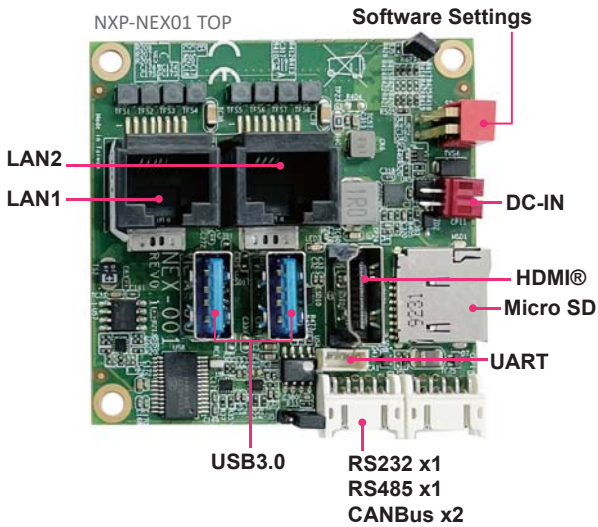


NXP-NEX01

NXP i.MX8M Plus with Compact Edge Gate way Board



i.MX8M Plus
ARM CORTEX 4x A53 + M7



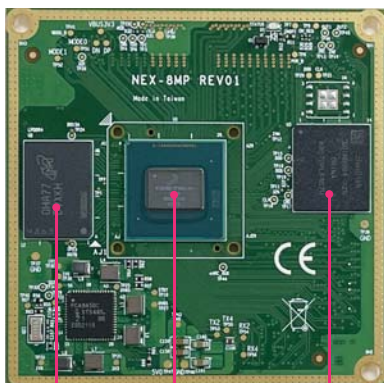
Features:

- NXP i.MX8M Plus (Quad core) ARM Cortex-A53 processor up to 1.8 GHz (NEX-8MP)
- LPDDR4, 4/8GB (NEX-8MP)
- 32GB eMMC 5.1 (NEX-8MP), expandable to 256GB
- HDMI®; 2 x GbE; 2 x USB 3.0 / 2.0
- 1 x Micro SD, 1 x RS232, 1 x RS485, 2 x CANBus

Specifications :

- CPU
NXP i.MX8M Plus (Quad core) ARM Cortex-A53 processor up to 1.8 GHz (NEX-8MP)
- GPU
Vivante GC700UL GPU (NEX-8MP)
- System Memory
LPDDR4 4/8GB (NEX-8MP)
- Storage
32GB eMMC 5.1 ; (NEX-8MP), expandable to 256GB
1 x Micro SD
- Display
1 x HDMI®
- LAN
2 x GbE
- USB
2 x USB 3.0 / 2.0
- Serial IO
1 x RS232 ; 1 x RS485, 2 x CANBus
- Power Input
DC +5V
- Dimension
NXP-NEX01: 60 x 60 mm
(NEX-8MP: 58.42 x 58.42 mm) ; Weight: NEX-8MP: 12.5g ; NXP-NEX01: 31g
- Operation Temperature
-40°C~70°C (100 % CPU Usage)
- Operation Humidity
5~95%, non-condensing
- Chassis (OEM I/O Expansion by request)
Box PC: PALM
- OS Support
Yocto mickledore imx-6.1.55-2.2.0_desktop (Proof of Concept ; POC)

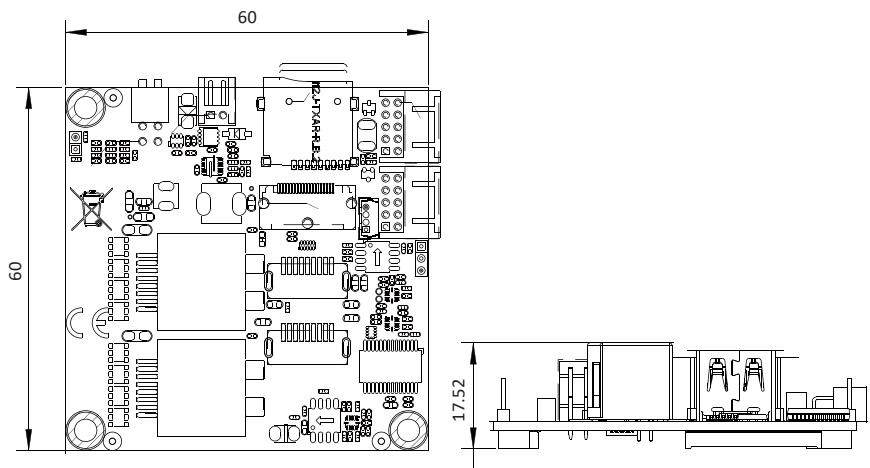
NXP-NEX01 bottom / NEX-8MP



LPDDR4 4/8GB CPU eMMC 32~256GB



Dimensions: (Unit:mm)



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