



# NXP i.MX 8M Mini based NFC and QR Code Payment Terminal with 8" touch panel



## Description:

The 8 inches payment terminal is designed with NXP i.MX8M Mini CPU, 1GB RAM and 8GB eMMC. The terminal allows customer to order and pay in restaurant and shops, moving their lines faster by accepting Apple Pay, Google Pay, Alipay and other NFC payments. Customers simply hold their mobile phones near the terminal to trigger payment. The device features compact size, wall mountable design and low power consumption.



NXP i.MX 8M Mini Cortex-A53



NFC Supported



QR Code Supported



Wi-Fi & Bluetooth



PythonQt5

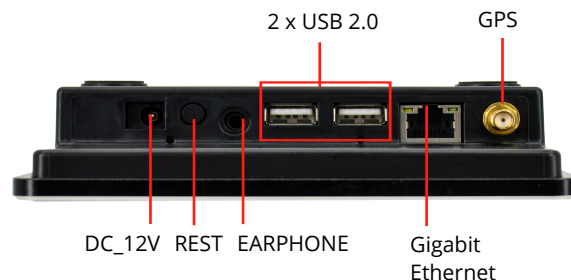
## Specification:

System	
CPU	NXP i.MX 8M Mini, 4 x Cortex-A53, up to 1.8GHz
RAM	Onboard 1GB/2GB/4GB DDR4
Storage	Onboard 8GB eMMC (16GB/32GB/64GB/128GB/256GB optional), 1 x TF slot
Operating System	Android 10, Linux Buildroot-2020.11-rc2, Ubuntu 18.04
Display & Touch Panel	
Display	8 inches LCD display, Res. 1280 x 720 (16:9)
Touch Panel	Capacitive touch panel
Functions	
Network	Wi-Fi, BT4.0, 4G, GPS + Beidou supported
Expanded Functions	NFC module and QR code module
	1 x 1W speaker, 1 x earphone port
	2 x USB 2.0, Type-A
	1 x RTC, 1 x UART
Power	
Power Supply	DC12V-2A or 3.7V 10000mAh battery optional



## Features:

- NXP i.MX 8M Mini CPU
- NFC and QR code supported
- 8 inches 1280 x 720 capacitive touch panel, wall mountable
- 4G, BT and Wi-Fi supported
- 2 x USB 2.0, 1 x Gigabit Ethernet
- Size: 26 x 13 x 3cm



## ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9- year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

