

INTRODUCTION

Industrial HMI Equips with high performance **NXP i.MX6** Application Processor. The options available with this product make it perfect for **Industrial Monitoring & Control, Building Automation, Home Automation, HMI, Kiosks, Vending Machine** and **interactive IoT Applications**.

SPECIFICATIONS

Hardware	
Master Processor	NXP i.MX 6 Solo/DL-Core @1 GHz
Platform	Arm Cortex-A9
System Memory	512MB DDR3, 4GB eMMC
Storage	microSD Card
RTC	Support RTC backup battery
Input Voltage	9V - 24V DC or POE (Optional)
Cooling	Fanless

Software	
Operating System	Debian Linux and Yocto Embedded Linux
Wireless Protocol Support	MQTT,HTTP
Wired Protocol Support	Modbus RTU, Modbus TCP
Connectivity- Wired	
I/O Ports	1 x RS232, 1x RS485 (Protected), 2 x DI (Protected), 2 x DO
Ethernet	1 x 10/100/1000 Mbps
USB	2 x USB HOST,1x USB OTG



Connectivity- Wireless (Optional)

Cellular (mini PCIe Slot)	LTE Cat M1, 2G/3G Fallback
BLE/WiFi	802.11a/b/g/n
Display	
Graphics	Vivante GC880
Interface Type	24 Bit RGB (7 Inch, 10.1 Inch Capacitive), Optional HDMI

Audio	
Audio Interface	1x Stereo Line In, 1 x Buzzer 1x Speaker Line Out

User Interfaces	
LED	Power Status LED, Wireless Connectivity Status