



Features

- Freescale i.MX6 Cortex-A9 Dual lite/Quad 1GHz CPU
- Fanless Design
- 4~8GB eMMC (up to 64GB by Mini SD)
- Up to 1GB(Dual Lite) or 2GB(Quad) DDR3
- 5-wire Res Touch / PCT Touch
- Serial Port x 2, USB Port x 2
- Front IP-65 & Back IP-41
- Support Cash Drawer (12V/24V)
- Optional: Camera, Wifi, Bluetooth
- Optional Device: MSR



Specifications

System

Processor	Freescale i.MX 6 Dual Lite Freescale i.MX 6 Quad Core
System Memory	DDR3-1600 128Mx16 FBGA96(9x14) MICRON 1G DDR3L-1600 128Mx16 FBGA96(9x14) MICRON 2G

Expansion

Expansion	1 x Mini PCI Express slot 1 x Micro SD slot 1 x SIM card holder onboard 1 x Supported WIFI & 3.5G module
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Storage

Storage	eMMC 4GB ~ 8GB
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I/O

USB	2 x USB 2.0, 1 x OTG
Com Port	2 x RS232
External I/O Connector	1 x USB Type A Double Deck 2 x RJ45 Connector with Indicate LED 1 x HDMI Connector(Vertical Type) 1 x Mini USB Connector 1 x RJ11 Connector for Cash Drawer 2 x DB9 Male Connector 1 x DC 12V Power Input by Power DC Jack
Internal I/O Connector	1 x VGA 3 x USB pin header 1 x 5-wire RES/PCT Touch Interface 1 x Dual Channel 24-bit LVDS 1 x Stereo Speaker-out (4ohm 0.5W x 2) 1 x Mini PCIe x 1 (with USB Signal Only) 1 x SIM Socket 1 x Front Panel Connector with Power Button & Indicate LED for Power & LAN & WIFI

Display

Resolution	Max. resolution 1024 x 600
Multiple Display	LVDS + VGA, LVDS + HDMI

Audio

Chipset	Wolfson WM8962
Audio Interface	2P Pin Header x 2 (Speaker-out R & L) (Driver Per Channel Max 2W)

Ethernet

Chipset	LAN 1: From i.MX6 MAC, PHY is Micrel KSZ9031RNX LAN 2: Intel® 82574L by PCIe Interface (Optional)
Ethernet Interface	RJ45 Connectors for G LAN

Mechanical & Environmental

Power Requirement	DC 12 ~ 24V Power Input
Power Type	2.5mm DC Jack
Operating Temperature	0°C ~ 40°C
Storage Temperature	-10°C ~ 60°C
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (W x D x H)	231.7mm x 149.5mm x 42mm
Weight	1.48 Kgs

Certifications

Certification Information	CE Class A, FCC Class A, VCCI ClassA
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Software Support

OS Information	Android 4.4.2, Ubuntu 12.04, Yocto 1.5.1
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