



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, VFD, Stand



Specifications

System

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|----------------------|---|
| 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

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| 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

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| Storage | eMMC 4GB ~ 8GB |
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I/O

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|-------------------------------|--|
| 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 2W 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

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|-------------------------|----------------------------|
| Resolution | Max. resolution 1024 x 768 |
| Multiple Display | LVDS + VGA, LVDS + HDMI |

Audio

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

Ethernet

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|---------------------------|--|
| 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

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|------------------------------|--|
| 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) | 362.1mm x 290.08mm x 51mm |
| Weight | 3.39 Kgs |

Certifications

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

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| OS Information | Android 4.4.2, Ubuntu 12.04, Yocto 1.5.1 |
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RityPOS

LPC Series

SPC Series

FPC Series

PPC Series

APC/BFC Series

UPC Series

MPC Series

OPM Series

AID Series

MTP Series

RISC

Accessory