



SD601 BOARD

- Freescale Cortex-A9 i.MX6 Quad Core
- 2GB DDR3 (1GB optional),
- Onboard 8GB eMMC
- TTL, I2C, SPI, CANBUS, etc.
- 12VDC Input, low power consumption <2W
- Android 4.3/Ubuntu 16.04 / Linux Qt+5.5

TECHNICAL SPECIFICATIONS

General

| | |
|-----------|---|
| Processor | Freescale Coretex-A9 i.MX6 1GHz Quad core |
| Memory | 2GB DDR3 (1GB optional) |
| Storage | Onboard 8GB eMMC |
| Graphics | PXP |

I/O Interface

| | |
|-----------|---|
| Ethernet | 1 x 1000/100/10M Ethernet |
| Audio | 3 x Audio port |
| UART/IrDA | 8 x UART/IrDA |
| USB OTG | 2 x USB host 2.0 |
| EINT/GPIO | Support |
| SPI | 4 x SPI pin header |
| I2C | 4 x I2C pin header |
| CAN BUS | 2 x CANBUS pin header |
| SPDIF | 1 x SPDIF pin header |
| ADC | 10 x ADC pin header |
| Camera | 1 x 5M pixel pin header (optional) |
| Storage | 1 x 2.5" SATAII Port 1 x Micro SD card slot, support up to 32GB TF/SD card |
| ISO7816-3 | 2 x ISO7816-3 |

Display

| | |
|-------------------|--------------------|
| Display Interface | 2 x LVDS, 1 x HDMI |
| Video Codec | Software codec |

Mechanical & Environment

| | |
|--------------------------------|----------------------------|
| Dimension | 180 x 130 mm |
| Power Input / Power management | DC 12V (9 ~ 36V optional) |
| Temperature | -30°C ~ +70°C |
| Relative Humidity | 5%~95%, non-condensing |