



Introduction

DJ-A64 is a standard 3.5 " industrial single board computer based on the most cost-effective All-winner ARM Cortex-A53 64-bit A64 quad-core processor, frequency at 1.3GHz, internally integrated Mali-400MP2 dual-core high performance image processing engine, perfectly support H.265 / H.264 video hardware decoding, 4K HDMI display output. And provides a series of peripheral interfaces including LAN, 4 serial ports, 6 USB ports, MIPI / LVDS / HDMI multiple display interfaces, MIC / headphone / amplifier audio interfaces, GPIO, TF card slot and other application peripherals, which is fully suitable for the various needs of different areas in industrial host, embedded smart device, machine vision, face recognition device, UAV, instrumentation, smart home, medical device, smart vending machine, advertising machine, interactive self-service terminal, game, etc.

Features

- ◆ Standard 3.5-inch industrial Android motherboard with excellent stability and reliability
- ◆ Provide multiple display interfaces including LVDS, MIPI, HDMI, with rich peripheral interfaces
- ◆ 4K full HD video hardware decoding performance
- ◆ Flexible wireless connectivity solutions, on-board optional 3G/4G, WIFI/BT wireless communication modules
- ◆ Perfectly support Android6.0 operating system. Provide system call interface APIDEMO code to support the upper application and APP development

Specification

CPU	Allwinner Technology A64 quad-core 64-bit processor, based on Cortex-A53 architecture, frequency up to 1.3GHz
GPU	Mali400 MP2 GPU graphic processor, support 4K, H.265 video hardware decoding

Memory	Onboard 1GByte DDR3
Storage	Onboard 8GByte eMMC (optional 16GB/32GB/64GB)
Resolution	Max support 3840*2160
Video Format	Support MP4、RMVB、WMV、AVI、FLV、MPEG、TS
Image Format	Support JPEG、BMP、PNG、GIF
Ethernet	Standard RJ45 interface, 100M Ethernet
3G/4G	Built-in MINI-PCIE, SIM slot, support for 3G / 4G module
WIFI/BT	1*WIFI/BT combo module
USB	5*USB HOST 2.0, 1*USB OTG 2.0
Serial	4*Serial (2*RS232/TTL、2*TTL
TF Card	Support
Camera	1*MIPI Camera interface, support 13 million pixel module
Audio	A64 built-in audio decoding, motherboard support MIC input, HP headphone output, 15W Class D stereo function circuit, reserve speaker JACK
Display Interface	1*single/dual LVDS interface, max support resolution of 1920*1200 1*HDMI 4K output interface 1*4 lanes MIPI DSI interface, max support resolution of 1920*1200
IR Receive	Support infrared reception
RTC	Support
Power	DC12V power supply, standard DC Jack power socket, reserve 4-pin power connector
OS	Android 6.0.1

Size

