Commercial Display Smart Board

Resolution	Max support 3840*2160
Video Type	Support MP4、RMVB、WMV、AVI、FLV、MPEG、TS
Image format	Support JPEG、BMP、PNG、GIF
Ethernet	1*Gigabit Ethernet port,10/100/1000M adjustable Ethernet
3G/4G	Built-in MINI PCIE Slot，with SIM card，support 3G/4G
WIFI/BT	Built-in 1*WIFI/BT4.0 combo modules
USB	5*USB HOST 2.0，1*USB OTG 2.0
Serial	7*Serial（4*RS232/TTL，2*TTL，1*Debug TTL）
TF Card	Support
Camera	1*MIPI Camera interface，support 13 million pixel module
Audio	High-quality ALC5640 audio decoder chip, support microphone input, stereo left and right channel output with 8 ohm/10W audio amplifier circuit, reserve Speaker JACK
Display Interface	1*single/dual LVDS port, 1*eDP high-resolution display port，1*HDMI 1080P@120Hz，4k*2k@60Hz output，1*HDMI input、1*MIPI LCD output interface, 1*MIPI LCD input/output interface
IR Receive	Support infrared reception
RTC	Support
Dual significantly different	Support
Timer Switch	Support
User button/ GPIO	Several
Power	Support
Sleep/Wake up	Standard DC jack，DC 12V power supply
OS	Android 7.1、Android 5.1

Introduction

DJ-3288K with standard 3.5-inch motherboard design, is a high cost-effective commercial motherboard. Based on the new generation of ultra-high performance Rockchip RK3288 Cortex-A17 quad-core application processor, frequency up to 1.8GHz, Internal Integrated Mali-T764 GPU, perfect support 4K, H.265 hardware decoding, motherboard designed LVDS, MIPI, eDP, HDMI LCD display interfaces used for human-computer interaction, fully meet the application requirement of Digital Signage, Advertising Machine, Intelligent Self-Service Terminal, Retail Vending Machine, Industrial Computer, Financial POS Machine, Touch Inquiry Machine, Intelligent Digital Catering and so on.
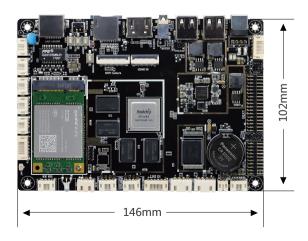
Features

◆ Standard 3.5" Industrial Commercial Display Motherboard，Excellent stability and reliability

◆ With superior multimedia processing capabilities, support 4K, H.265 hardware decoding, also supports H.264 / MVC /VP8 decoding

◆ Motherboard Equipped MIPI IN/MIPI OUT, dual LVDS, HDMI IN/HDMI OUT, EDP and other Mainstream LCD display interface

◆ Integrated MINI-PCIE slot, with SIM card slot, support 3G/4G modules, integrated WIFI/Bluetooth modules, to achieve wireless network communication

◆ Perfectly Support Android7.1 and Android5.1，support system call interface code API DEMO，support high-level application and APP development

Specification

CPU	Rockchip RK3288 quad-core processor，based on ARM Cortex-A17 architechure，frequency up to 1.8GHz
GPU	Mali-T764 processing engine，support 4K、H.265 hardware decoding
Memory	Onboard 2GB DDR3
Storage	Onboard 8GB eMMC（optional 16GB/32GB/64GB）

Size

146mm

102mm