

Datasheet

K2QC Media Dongle



Overview

K2QC system featured with Allwinner H616 ARM quad core processor and powered by Android 10.0 Q.

It can be used as digital signage, hordings, Android PC and in many other application where the information is displayed over screen.

Features

- Small & Compact
- Easy to Use
- USB powered
- Full HD HDMI output with EDID support
- Industry standard WiFi, Bluetooth and Ethernet.

Android 10	Allwinner H616	Mali G31 MP2
2 GB RAM	16 GB eMMC	6K HD

Key Specification

Basic Parameters	
System	SoC: Allwinner H616 CPU: Quad core ARM Cortex-A53, 64-bit GPU: G31 MP2 DRAM: 2 GB DDR3, Support upto 4GB Flash: 16 GB eMMC OS: Android Q 10.0
Connectivity	
Video output	HDMI 2.0a
Audio output	HDMI 2.0a
Network	RJ45 interface 100M/1G adaptive 802.11 b/g/n/ac WiFi 2.5GHz/5GHz Bluetooth 4.1
Peripheral interface	1 x USB 2.0
Power interface	Micro USB
Other interface	Power LED indicator
Media	
Video	Decoder: H.265 Main10@L5.1 decoder up to 4K@60fps or 6K@30fps, VP9 Profile 2 decoder up to 4K@60fps, H.264 BP/MP/HP@L4.2 decoder up to 4K@30fps, Multi-format 1080p@60fps video playback formats, including H.264 BP/MP/HP, H.263 BP, VP8, MPEG-1 MP/HL, MPEG-2 MP/HL, MPEG-4 SP/ASP@L5, AVS+/AVS JiZhun, WMV9/VC1, etc Format : MKV, MOV, MP4/M4V, VOB, MPG, PMP, TS/TP, M2TS, MTS, WMV, WEBM, 3GP, ASF, AVI, FLV, F4V Encoder : H.264 BP/MP/HP encoder up to 4K@25fps or 1080p@60fps, JPEG snapshot performance of 1080p@60fps
Audio	Decoder: AMR, MP1/MP2/MP3, OGG, WAV, AAC, APE, FLAC, DSD, G729, ALAC Format : AAC, AIFF, AMR, APE, ATRAC, CAF, DSD, FLAC, G729, MP3, OGG, WAV
Photo format	HD JPEG, BMP, PNG
Other	
Input Voltage	5V/2A
Operating temperature	0°C to 40°C
Storage temperature	-20°C to +60°C
Physical characteristics	Weight: 100 gms Size: 150mm x 61 mm x 24mm
Accessories	WiFi/Bluetooth Antenna, USB 2.0 micro cable, HDMI Cable Male to Female, Velcro for mounting

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