ROCK960 Board - RK3399 solution 2G Version

SKU 102110137

Description

Vamrs is a 96boards contract Manufacturing Partner. ROCK960 is the first 96board based on Rockchip processor. Featuring RK3399 with Dual A72 plus Quad A53 cores and Mali T860MP4 makes it one of the most powerful 96boards

Features :
RK3399(A72x2+A53x4), 2G/16G, 4G/32G
Mali T860MP4, OpenGL 3.2, OpenCL 1.2
HDMI 2.0 4K@60
USB type C with DP 1.2 + USB 3.0
4 lanes PCIE 2.1
2x2 MIMO 802.11 AC Wi-Fi, BT 4.1
96boards Low speed/Hight speed expansion

Expansion :
1x 40 pin low speed expansion connector – UART, SPI, I2C, GPIO, I2S
1x 60 pin high speed expansion connector – MIPI DSI, USB, MIPI CSI, HSIC, SDIO
1x M.2 key M PCIe connector with support for up to 4-lane PCIe 2.1 (max bandwidth: 2.0 GB)
Misc – Power & u-boot buttons. 6 LEDS (4x user, 1x Wifi, 1x Bluetooth)
Power Supply – 8 to 18V DC input (12V typical) as per 96Boards CE specs; Battery header

Technical Details

Dimensions	85mm x 54mm x 15mm
Weight	G.W 120g N.W 120g
Battery	Exclude
SoC	Rochchip RK3399 hexa-core, ARM Cortex A72 cores up to 1.8/2.0 GHz, four Cortex A53 cores @ 1.4 GHz
Support	ARM Mali-T860 MP4 GPU with OpenGL ES 1.1 to 3.2 support, OpenVG1.1, OpenCL 1.2 and DX 11 support
System Memory	2G RAM

Storage	16 GB eMMC flash + micro SD card
Video Output	1x HDMI 2.0 up to 4K@60 Hz with CEC and HDCP
Connectivity	WiFi 802.11ac 2×2 MIMO up to 867 Mbps, and Bluetooth 4.1 LE (AP6356S module) with two on-board antennas, two u.FL antenna connectors
USB	1x USB 2.0 host port, 1x USB 3.0 port, 1x USB 3.0 type C port with DP 1.2 support

Part List

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