



## Main Features

- Rockchip RK3399 Cortex A72 and A53
- 2 X 10/100/1000Mbps LAN Port
- 2 x HDMI display, 1 x LVDS, 1 x eDP, 1 x MIPI DSI
- 2 x USB 2.0, 1 x USB3.0, 1 x USB2.0 OTG
- 1 x mini-PCIe sockets for optional Wi-Fi/3.5G/LTE modules
- 1 x M.2 E Key
- 2 X RS232, 2 X RS232/422/RS4

## Specifications

### CPU/GPU Support

- Rockchip RK3399 64bit Dual Cortex A72 and Quad Cortex-A53
- Mali-T864 GPU, OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11

### Main Memory

- Onboard 2GB DDR3
- Onboard 8 eMMC Flash

### LAN

- 2 x 10/100/1000Mbps LAN port

### USB

- 2 x USB 2.0
- 1 x USB3.0
- 1 x USB OTG

### I/O Interface-Rear

- 2 x RS-232/422/485
- 2 x RS-232, (TX/RX/CTS/RTS/DSR/DTR/DCD)
- 1 x Power Button
- 1 x SD Slot
- 1 x SIM Slot

### Display

- 2 x HDMI display, Simultaneous dual display: 1 x 4K 60fps, 1 x 1080p
- 1 x LVDS
- 1 x eDP
- 1 x MIPI DSI

### Audio

- 1 x pin header support Mic in / line out / speaker out

### Expansion

- 1 x mini-PCIe sockets for optional Wi-Fi/3.5G/LTE modules
- 1 x M.2 E Key

### Power Requirements

- Power input: 12V DC +/-20%

### Operating System

- Android 7.1
- Ubuntu 16.04

### Environmental

- Operating temperature: Ambient with air flow: -10°C to 60°C
- Storage temperature: -20°C to 85°C
- Operating humidity: 5%~95% relative humidity, non-condensing

### Dimension

- Dimensions: 146.1mm x 102mm x 18mm

