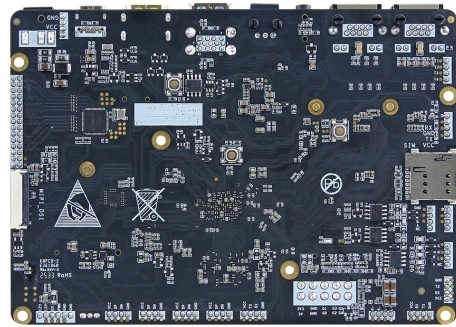


RSC-3576J



Specification

System Information

Processor	Rockchip RK3576 Quad-core Cortex-A72 and Quad-core Cortex-A53
System Memory	4GB LPDDR4 (8G/16G Optional)

Software Support

OS	Linux Debian12, Andriod 14
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Expansion

Expansion	1x Mini_PCIE (USE LTE Module / EC25-EUX) (option) 1x M.2 key-M connector (M.2 SSD)
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Storage

Storage	32 GB eMMC (32~256G Optional)
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Display

Multiple Display	Dual Display 1xHDMI out + LVDS or MIPI display
LVDS	1 x (2x15 pin), 2.0mm (J5301) (choose between MIPI display or LVDSI default setting a support LVDS) LCD Backlight Brightness1 x 6pin, 2.0mm
Digital Display Interface	MIPI DSI FPC 1 x 40P, 0.5mm (J5000)

Audio

Audio Codec	Headphone 1 x 3.5mm Jacker 1 x 4 pin, 2.0mm
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Speaker Output	1 x 4 pin, 2.0mm (J7001)
Ethernet	
Ethernet Interface	2x 100M/1000M Ethernet
LAN Chipset	RTL8211FI-CG QFN40
LAN Port	RJ45
Power Requirement	
DC Input	DC 12~24V
Power Mode	AT mode
Certification	
Certification Information	CE, FCC Class B
External I/O	
USB	1 x USB3.0 Type A 1 x USB2.0 Type A 1 x USB3.0 Type C (OTG)
I/O	
UART	1 x 4 pin 2.0mm (J9800)
GPIO	2 x 10P ,3.81mm phoenix terminal (J9500)
Other	CAN bus 1 x 4pin, 3.81mm
RS232	2x RS232 4pin, 2.0mm 2x RS485 4pin, 2.0mm
RS485	2x RS232 4pin, 2.0mm 2x RS485 4pin, 2.0mm
USB	4 x 4 pin, 2.0mm
Network	2 * RJ45 (10/100/1000M)
WIFI	Wifi IEEE 2T2R 802.11 ax/ac/a/b/g/n (1 x IPEX) (option) Bluetooth BT5.0
I2C	1 x FPC 0.5mm
Mechanical & Environmental	
Operating Temp.	-40°~85°C
Storage Temp.	-40~85°C
Dimension (L x W)	146 x 102 mm

Weight	0.15kg
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Power Mode	DC in 12~24V ATX
Drop Test	Reference ISTA 2A, Method : IEC-60068-2-32 Test:Ed Test Ea : Drop Test 1 Test phase : One corner, three edges, six faces 2 Test high : 96.5cm 3 Package weight : 5Kg 4 Test drawing
Vibration Test	Random Vibration Operation 1 Test PSD : 0.00454G²/Hz , 1.5 Grms 2 System condition : operation mode 3 Test frequency : 5~500 Hz 4 Test axis : X,Y and Z axis 5 Test time : 30 minutes per each axis 6 IEC60068-2-64 Test Fh 6 Storage : SSD Sine Vibration test (Non-operation) 1 Test Acceleration : 2G 2 Test frequency : 5~500 Hz 3 Sweep: 1 Oct/ per one minute. (logarithmic) 4 Test Axis : X,Y and Z axis 5 Test time :30 min. each axis 6 System condition : Non-Operating mode 7. Reference IEC 60068-2-6 Testing procedures Package Vibration Test: 1 Test PSD : 0.026G²/Hz , 2.16 Grms 2 Test frequency : 5~500 Hz 3 Test axis : X,Y and Z axis 4 Test time : 30 minutes per each axis 5 IEC 60068-2-64 Test Fh

Ordering Information	
Ordering Information	RSC-3576J-3W-A100R