

RSC-3568J

Rockchip RK3568J 3.5" SBC

Product Features

- Rockchip RK3568J Quad-Core Cortex-A55 1.8GHz
- Support LCD Interface LVDS/MIPI/eDP
- 2-Gigabit Ethernet
- 1-M.2 3042/3052 Key B for SSD/LTE module
- 2 x CAN, 1 x Micro SD Socket
- 2/4GB LPDDR4, 32/64GB eMMC
- 1-HDMI 2.0a
- 1-M.2 2230 Key E for WIFI module
- 1-USB Type C OTG, 1-USB3.0 Type A
- 3 x RS-232, 1 x RS-485/422, 5 x GPIO

Specification

System Information

Processor Rockchip RK3568J Quad-core Cortex-A55 1.8GHz

System Memory 4GB LPDDR4

Storage

Storage 64GB eMMC

Software Support

OS Android 13
Debian 11

Certification

Certification Information CE, FCC Class B

I/O

External I/O Connector 1 x DC Jack
1 x HDMI 2.0 Out
1 x Reset
1 x RS232/422/485 DB9
1 x USB 3.0 Type A
1 x USB 3.0 Type A OTG
2 x 10/100/1000 RJ45 LAN

Internal I/O Connector	1 x Backlight 2 x CAN 1 x Debug 1 x eDP 5 x GPIO 1 x I2C 1 x LVDS 1 x M.2 2230 E-Key 1 x M.2 3042 B-Key 1 x Micro SD Slot 1 x MIPI DSI 3 x RS232 1 x RS232/422/485 1 x RTC Battery 1 x SD Card Slot 1 x SIM Card Slot 1 x Speaker 1 x Touch Button 2 x USB 2.0 1 x 4Pin DC PHD 2.0
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Mechanical & Environmental

Weight	0.16 kg
Dimension (L x W)	146 x 101 mm
Storage Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Power Requirement	DC 12V ~ 24V