

K705 ARM Computer

ARM Industrial Computer



Key Features

- ◆ Cortex A55, Quad Core, 1.8G
- ◆ Support POE IEEE802.3 AF /IEEE802.3 AT /IEEE 802.3BT
- ◆ Fanless design
- ◆ Rich Expansion: RS232/RS422/RS485, GPIO Options

System Parameters

CPU	RK3566 Cortex A55, Quad Core, 1.8G
RAM	4GB(2GB,4GB,8GB optional)
Internal Memory	64GB(16GB/32GB 64GB optional)
LAN	10/100M Ethernet
WiFi+Bluetooth	802.11 b/g/n, Bluetooth 4.0
3G	Optional
OS	Android, Linux (buildroot/ubuntu/debian)
Extendable Ports	1x full-mini PCI express; 2x COM port
Cooling System	Passive

Expansion Function

GPIO	Optional
RS422/485	Optional

IO Interface

COM	2x COM(Default RS232, 5 maximum)
RS422/485	Optional (1x RS485/422)
USB	2x USB2.0
LAN	POE 1 x RJ45, 10/100/1000M
HD MI	1x

Environments

Operating Temp	-10°C~50°C
Storage Temp	-30°C~70°C
Relative Humidity	5~95%@10°C (Non-condensing)
Vibration	5~500Hz, 1.5G, 0.15mm peak value
Shake	1.5 Grms, IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
Shock	10 Grms, IEC 60068-2-64, Half sine wave, for 11 ms
EMC	CE/FCC Class A

Power Supply

Power Supply	12V Power Input
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Power Consumption	<30W
POE	Input(IEEE802.3 AF /IEEE802.3 AT /IEEE 802.3BT)

Enclosure

Housing Material	Aluminum Chassis with fanless design
Dimensions	209 mm (W) x 108 mm (D) x 56.5 mm (H)
Net Weight	1.5KG