High-Performance Android Mini PC

Slimmer body, more powerful performance, designed for high-end automation field. All-aluminum alloy architecture, multiple industrial-grade protection, to deal with a variety of harsh use environment. Equipped with six-core 64-bit RK3399 high-performance processor, powerful open source attributes to support higher-level expansion and upgrade applications. Perfectly adapted to the needs of industrial control, military, communications, power, network and other intelligent automation applications, providing customers from all walks of life with mature customized solutions.

Features »

- High precision full aluminum alloy body, fine texture
- Self-developed ARM architecture industrial-grade motherboard, suitable for a variety of complex applications
- RK3399 six-core 64-bit 2.4GHz high-performance CPU
- Rich interface, flexible expansion, easy installation
- Powerful open source attributes, breakthrough application limitations, support secondary development
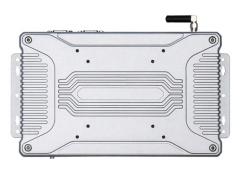
| RK3399 | 12V-36V | EMC/EMI | Provide SDK | Rich interfaces | Android 7.1 |

ISO FC CE CCC RoHS 10

Product Model »

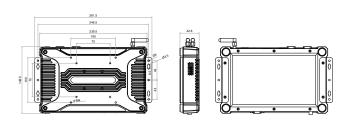| Product model	TPC02-AIOT
Processor	RK3399 Dual Large Core Cortex-A72 + Quad Small Core Cortex-A53 64-bit,1.8GHz

Front

Side

Back

Product Installation »

Desktop installation

Rack Mount

Product size »

261.5
246.5
239.5
100
75
42.8
148.5
100
75

Product Specifications ≫

Hardware Configuration

CPU	RK3399 Dual Large Core Cortex-A72 + Quad Small Core Cortex-A53 64-bit,1.8GHz
GPU	Mali-T764GPU
Memory	Standard 4G (optional 2G/8G)
Storage	Standard EMMC 32G (optional 16G/64G, maximum support 64G)
3G Module	PCI-E standard interface, support for mobile, Unicom, telecom (optional)
4G Module	PCI-E standard interface, support for mobile, Unicom, telecom (optional)
WiFi	Built-in dual-band WIFI, 2.4G+5G
Bluetooth	BT5.0
Operating System	Android 7.1/9.0/11/Ubuntu18.04/Debian10.0/linux4.4+QT
GPS	Optional
MIC	Optional
RTC Real Time Clock	Support
System Upgrade	Support local SD,USB upgrade

Interface parameters

DC Port	1*DC 55*21 with thread, can support 12V-36V wide voltage power supply
HDMI	1*HDMI OUT, support HDMI data output, maximum support 1080P
USB	1*USB-HOST, 1*USB-OTG
LAN	1*10M/100M/1000M Adaptive Ethernet
Headphone Stand	3.5mm standard connector
SIM	1*SIM, SIM card standard interface Support various standards (depending on 3G/4G module)
TF	Support TF expansion card (1*TF card slot)
RS232	2*RS232
RS485	1*RS485
TTL	2*TTL
GPIO	8*GPIO (input/output) (upgradeable)

Reliability parameters

Temperature	Operating temperature: -10 °C ~60 °C,Storage temperature: -20 °C ~70 °C
Working humidity	Humidity: 95% non-condensing
Vibration Protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact Protection	IEC 60068-2-27, half sine wave, 11ms duration
Product Certification	CCC/CE/FCC/EMC/CB/ROHS

Other parameters

Power input	12V-36V power input
Static power consumption	24W
Fuselage Material	All aluminum alloy
Body color	Technology silver, classic black
Bare Machine Weight	1.2KG
Overall weight	1.6KG
Installation method	Support desktop and rack installation
Warranty policy	Three years (one year free warranty)

Product Installation ≫