

High-Performance Android Mini PC

It adopts all-aluminum alloy structure, fanless and fully enclosed design scheme, low power consumption and compact shape. It is an industrial product specially designed for a variety of environments and can ensure long and stable work in harsh environments. It is equipped with RK3288 Cortex-A17 quad-core processor with Android 7.1 system, and the main frequency is up to 1.8GHz with super performance. Adopt Mali-T764GPU, support 1080P@60fps and 1080P@30fps decoding scheme, with a variety of high-definition display interface, to meet the field needs of a variety of application interfaces, to provide a variety of working efficiency, widely used in industrial control, military, communications, power, network and other automation fields.

Features >>

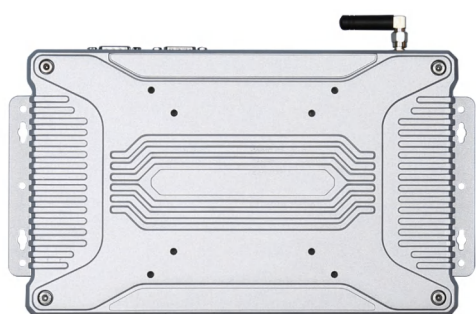
- High precision full aluminum alloy body, fine texture
- Self-developed ARM architecture industrial-grade motherboard, suitable for a variety of complex applications
- RK3288 quad-core 1.8GHz high-performance CPU
- Rich interface, flexible expansion, easy installation
- Powerful open source attributes, breakthrough application limitations, support secondary development



ISO FC CE CCC RoHS 40+

Product Model >>

Product model	TPC02-AIOT
Processor	RK3288 Cortex-A17 quad-core processor at 1.8GHz



Front



Side

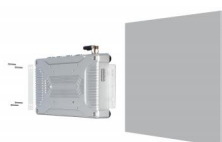


Back

Product Installation >>

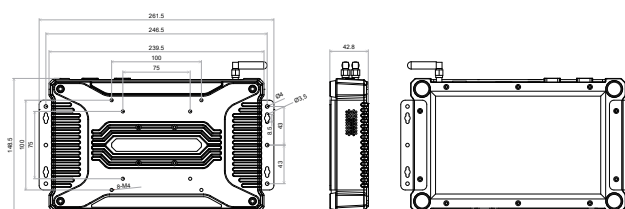


Desktop installation



Rack Mount

Product size >>



Product Specifications >>

Hardware Configuration

CPU	RK3288 Cortex-A17 quad-core processor at 1.8GHz
GPU	Mali-T764GPU
Memory	Standard 2G (optional 4G)
Storage	Standard EMMC 16G (optional 8/32/64G, 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	BT4.2
Operating System	Android 7.1/10.0/12, Linux4.4, Ubuntu18.04/20.04, Debian10.0
GPS	Optional
MIC	Optional
RTC Real Time Clock	Support
System Upgrade	Support local SD,USB upgrade

Interface parameters

DC Port	1*DC 55*21, support 12V power input
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	1*232 serial port, 2* TTL/232 serial port optional
RS485	Optional
RS422	Optional
GPIO	8*GPIO (input/output)

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 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 >>

