

Android Panel PC

VESA Fixing

The overall feature of this product is "industrial quality, modern design", which not only conforms to industrial standards, but also adopts industrial aesthetic design, making the overall shape more simple and smooth.

Different CPU options, RK3288 or the most powerful RK3399, with six core.

Specific design for VESA fixing diversified installation methods: cantilever arm, boom type and embedded installation. The fuselage is made of aluminum alloy, which is not only suitable for humid, dust, electromagnetic interference and static environment in factories, but also can operate in outdoor high and low temperature, dust, exposure to sunlight, vibration and other environments.

Features >>

- Modern aesthetic design, fashionable and simple appearance, independent mold opening.
- Self developed fanless, high-performance, low-power industrial motherboard.
- High speed storage scheme with excellent computing power.
- High precision die-casting aluminum molding, efficient heat dissipation process
- Industrial quality, stable system operation.
- Equipped with dual networks and rich expandable interfaces.
- Support 12-36V (RK3399) wide voltage power supply.
- Android 7.1 / 9.0 / 10.0 /11



Product Model >>

LCD size	Reference	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Dimensions (mm)	Weight (kg)
10.1"	GPC-AMB-101-A	1366 x 768	16:90	300cd/m ²	600:1	85/85/85/85 (L/R/U/D)	261.4 x 185.4 x 56	1.9
10.4"	GPC-AMB-104-A	1024 x 768	4:3	300cd/m ²	800:1	75/75/70/75 (L/R/U/D)	259.4 x 224.7 x 55.8	2.4
11.6"	GPC-AMB-116-A	1920 x 1080	16:9	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	305.9 x 211.2 x 48.5	2.2
12"	GPC-AMB-120-A	1024 x 768	4:3	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	291.9 x 250.5 x 59.7	3.1
15"	GPC-AMB-150-A	1024 x 768	4:3	300cd/m ²	700:1	80/80/70/70 (L/R/U/D)	350.4 x 296.4 x 59.7	4.3
15.6"	GPC-AMB-156-A	1920 x 1080	16:9	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	389.6 x 264 x 60	3.7
17"	GPC-AMB-170-A	1280 x 1024	5:4	300cd/m ²	1000:1	80/80/80/70 (L/R/U/D)	383.3 x 340.7 x 61.9	5
17.3"	GPC-AMB-173-A	1920 x 1080	16:9	300cd/m ²	600:1	80/80/60/80 (L/R/U/D)	427.7 x 285.4 x 67.4	4.5
18.5"	GPC-AMB-185-A	1920 x 1080	16:9	300cd/m ²	600:1	75/75/70/75 (L/R/U/D)	455.5 x 302.1 x 61.8	5.5
19"	GPC-AMB-190-A	1280 x 1024	5:4	300cd/m ²	1000:1	75/75/70/75 (L/R/U/D)	423.3 x 372.9 x 59.9	6
19.1"	GPC-AMB-191-A	1440 x 900	16:10	300cd/m ²	1000:1	85/85/80/80 (L/R/U/D)	455.5 x 328.2 x 60.8	5.4
21.5"	GPC-AMB-215-A	1920 x 1080	16:9	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	522 x 338.5 x 62.6	6

Product Installation >>



Desktop installation



Cantilever installation



Boom type installation

Product Specifications >>

Hardware Configuration		
CPU	RK3288, Quad core, 1.8GHz	RK3399, 2 Core Cortex A72 1.8 GHz, 4 Core Cortex A53 1.4 GHZ
GPU	Mali-T764	Mali-T860
RAM	2G DDR3 - Optional 4/8G	4G DDR3 - Optional 8G
Storage	16G eMMC - Optional 32/64G	32G eMMC - Optional 64G
System	Android 7.1/10.0, Linux 4.4/Ubuntu 18.04/Debian 10.0/ Linux 4.4+QT	Android 7.1/9.0/11, Ubuntu 18.04/Debian 10.0/ Linux 4.4+QT
WIFI	2.4GHz	2.4GHz / 5GHz dual bands
Bluetooth	BT4.2	BT5.0

Touch Screen

Capacitive Touch	Type of touch screen: projection capacitive touch screen Light transmittance: $\geq 88\%$ Input mode: handwriting or capacitive pen Controller communication: USB
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: $\geq 78\%$ Input mode: Fingertip or stylus Controller communication: USB

Environmental

Working Temperature	-10 °C ~ 60 °C
Storage Temperature	-20 °C ~ 70 °C
Operating Humidity	Humidity: 95% Non-Condensing

Other

Voltage Input	DC 12V (RK3288) - DC 12V ~ 36V (RK3399)
Static Power	18W
Fuselage Properties	Body material: aluminum alloy. Body color: technical silver, classic gun black
Warranty Policy	One year free, extendable to 2 or 3 years on request
Installation Method	VESA 75/100 fixing for cantilever arm, boom type and embedded installation

I/O Interface

DC	1x DC 2.1 12V - DC 12V ~ 36V (RK3399)
USB	1x USB HOST, 1x USB OTG
LAN	1x LAN, 10M/100M/1000M adaptive Ethernet
HDMI	1x HDMI, support HDMI data output, maximum support 4K
SMI Card	1x SIM, SIM card interface standard interface supports various formats (depending on 3G / 4G module)
TF	1x TF
AUDIO	1x Audio I/O, support audio input and output, 3.5 mm
RS232	2x RS232 (Optional: RS485, RS422)
WiFi	2x Antenna
UBOOT	1x UBOOT

Interface Distribution >>



Only the 17.3 inches 3399 motherboard interface is displayed. Please refer to the actual object for details.

* All specifications and photos are subject to change without notice.