Jasper Series

gotecno
Industrial Automation

Android Panel PC

Ultra Slim

The overall feature of Jasper Series is industrial quality and Ultra Slim design of the front bezel (only 3 mm), making it very modern and innovative. High precision aluminum alloy architecture, fully enclosed design, fanless CPUs, high configuration motherboard, and high-speed storage solution. Support embedded, desktop, wall mounted and other diversified installation methods to meet the application needs of different devices in different environments.

Features »

- Ultra Slim front bezel (3 mm)
- High precision die-casting aluminum molding, dustproof and waterproof.
- Self developed fanless industrial motherboard, with a variety of options.
- Conform to EMC anti electromagnetic interference standard.
- Industrial protection, applicable to various harsh environments.
- Equipped with network, supporting 9-36V wide voltage power supply;
- Support 12-36V (RK3399) wide voltage power supply.
- Android 7.1 / 9.0 / 10.0 /11

CPU					
RK 3288/3399	-10 ~ 60 ℃	Dissipate heat	IP65 waterproof	SDK software	Android

ISO FC CE CCC RoHS 40

Product Model »

Product size	Reference	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Dimensions (mm)	Weight (kg)
7"	GPC-JAS-7-A	1024 x 600	16:9	300cd/m²	600:1	85/85/85/85 (L/R/U/D)	-	1.9
8"	GPC-JAS-8-A	1024 x 768	4:3	300cd/m²	600:1	85/85/85/85 (L/R/U/D)	223 x 17.7 x 42.5	1.9
10.1"	GPC-JAS-101-A	1280 x 800	16:10	300cd/m²	600:1	85/85/85/85 (L/R/U/D)	293.6 x 193.6 x 53.5	1.9
10.4"	GPC-JAS-104-A	1024 x 768	4:3	300cd/m²	800:1	75/75/70/75 (L/R/U/D)	288 x 231 x 56.5	2.4
11.6"	GPC-JAS-116-A	1920 x 1080	16:9	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	323.7 x 218.5 x 51.5	2.2
12"	GPC-JAS-120-A	1024 x 768	4:3	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	319 x 257 x 56.5	3.1
12.1"	GPC-JAS-121-A	1280 x 800	16:10	300cd/m²	600:1	80/80/80/60 (L/R/U/D)	330 x 227.3 x 53.5	2.6
13.3"	GPC-JAS-133-A	1920 x 1080	16:9	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	373.6 x 245.2 x 57	2.9
15"	GPC-JAS-150-A	1024 x 768	4:3	300cd/m²	700:1	80/80/70/70 (L/R/U/D)	420 x 269 x 70	4.3
15.6"	GPC-JAS-156-A	1920 x 1080	16:9	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	379.8 x 300 x 63.6	3.7
17"	GPC-JAS-170-A	1280 x 1024	5:4	300cd/m²	1000:1	80/80/80/70 (L/R/U/D)	414 x 345 x 63	5
17.3"	GPC-JAS-173-A	1920 x 1080	16:9	300cd/m²	600:1	80/80/60/80 (L/R/U/D)	458 x 291 x 67	4.5
18.5"	GPC-JAS-185-A	1920 x 1080	16:9	300cd/m²	600:1	80/80/80/60 (L/R/U/D)	-	5.5
19"	GPC-JAS-190-A	1280 x 1024	5:4	300cd/m²	1000:1	75/75/70/75 (L/R/U/D)	451 x 380 x 63	6
19.1"	GPC-JAS-191-A	1440 x 900	16:10	300cd/m²	1000:1	85/85/80/80 (L/R/U/D)	486 x 332 x 63	5.4
21.5"	GPC-JAS-215-A	1920 x 1080	16:9	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	557 x 345 x 63	6
23.8"	GPC-JAS-238-A	1920 x 1080	16:9	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	606 x 376 x 67	6.5

Product Installation »

Embedded installation	Embedded installation	Wall mounted installation	Desktop installation	Louver installation	Cantilever installation	Boom type installation

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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: ≥ 88% Input mode: handwriting or capacitive pen Controller communication: USB
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: ≥ 78% Input mode: Fingertip or stylus Controller communication: USB

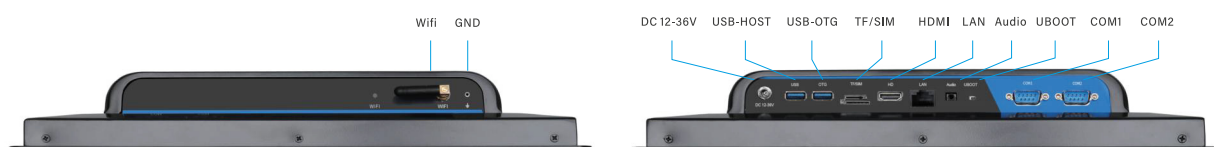| Environmental	
Working Temperature	-10 °C ~ 60 °C
Storage Temperature	-20 °C ~ 70 °C
Operating Humidity	Humidity: 95% Non-Condensing

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 »

Wifi   GND

DC 12-36V   USB-HOST   USB-OTG   TF/SIM   HDMI   LAN   Audio   UBOOT   COM1   COM2

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