

GIEC

2019

Computing Device Business Unit

PRODUCT CATALOG

*Educational Device / Control Panel
AI Display / Industrial Solution*



SHENZHEN GIEC DIGITAL CO.,LTD.

- **Add:** 1st & 3rd Building, No.26 Puzai Road, Pingdi, Longgang District, Shenzhen, China 518117
- **Tel:** (86-755)83479920 (86-755)83479220 **Fax:** 0755-83479081 **E-mail:** szgiec@163.net
- **URL:** en.giec.cn www.globalsources.com/giec.co

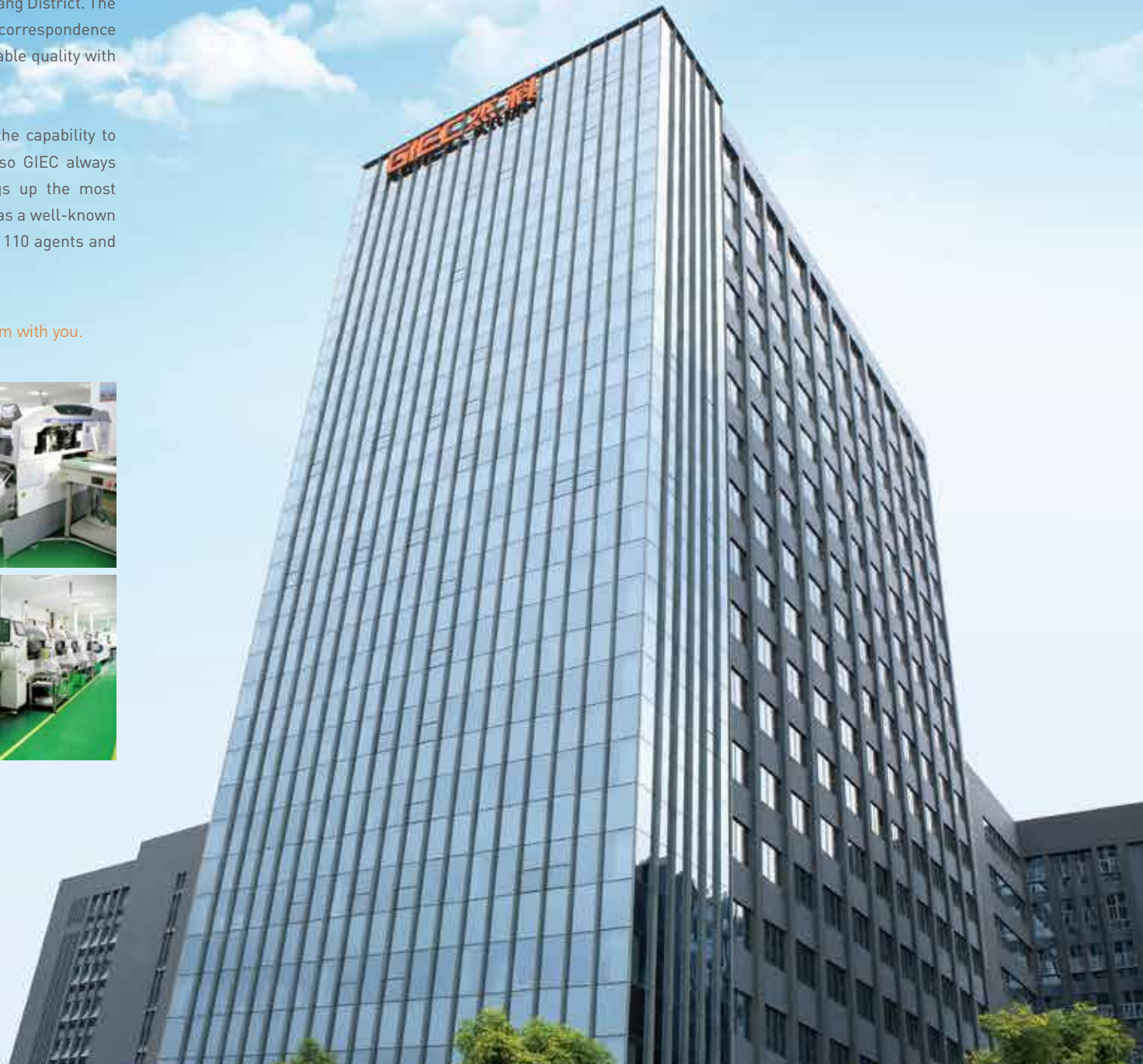
About GIEC

GIEC is a leading company in consumer electronics products since founded in 1999. The Major products include Set top box(both FTA and PAY TV), Android TV Box, OTT Box, IPTV Box, Android HDMI Dongle, Tablet PC, Laptop, AIO, AI speaker, Blu-Ray Player, Blu-Ray Home Theater, Smart Home Products and so on.

As a first-class electronics enterprise in China, GIEC has its own modern industrial park with professional testing lab for audio, EMC and so on, which is located in Longgang District covering over 150000 square feet. GIEC industrial park is the landmark building in Longgang District. The factories are running strictly under regulations of ISO 14001 standard and in correspondence with ROHS, CE, UL, FCC, FDA, GS and so on. We can always guarantee the reliable quality with competitive price.

Staffed over 400 experienced proficient engineers in R & D team, GIEC has the capability to supply a total solution from ID design to final product and after service. Also GIEC always attaches great importance to adopt latest technology and constantly brings up the most up-to-date products to entertain our valued customers worldwide. Meanwhile, as a well-known brand in domestic market, GIEC has established effective sales networks with 110 agents and 10,000 authorized dealers in the main cities.

Your satisfaction is our final target, we aim to work on mutual benefit for long term with you.



Contents

01/Educational Device

Educational Tablet

GK-MJQ8004	02
GK-MJQ1020	03
1031 Series	04

Educational Laptop

609 Series	05
------------------	----

02/Control Panel

.....	08
-------	----

03/ AI Speaker with Screen

GK-AJY7016	12
GK-AJE7016	13

04/ Industrial Solution

i701X i103X-D i103X-L	
---------------------------------	--



**Educational
Device**

GK-MJQ8004

Educational Tablet



• 125.2 x 241.5 x 7.2mm

GK-MJQ8004	
CPU	MT8163
Display	8" 800*1280IPS
TP	Capacity touch
Memory	2GB
Storage	16GB (up to 64GB)
Camera	2.0MP + 5.0MP
Battery	3700mAh, 3.8V
Wi-Fi	a/b/g/n
Bluetooth	4.2
GPS	N
HDMI	Y
Adapter	5V/2A
Cover	Metal
OS	Android 9.0

GK-MJQ1020

Educational Tablet



• 259.7 x 159 x 8.2mm

GK-MJQ1020	
CPU	MT8163
Display	10.1" 800*1280IPS/1200*1920IPS
TP	Capacity touch
Memory	2GB
Storage	32GB (up to 64GB)
Camera	2.0MP + 5.0MP
Battery	6800mAh, 3.7V
Wi-Fi	a/b/g/n
Bluetooth	4.2
GPS	N
HDMI	Y
Adapter	5V/2A
Cover	Metal
OS	Android 9.0

1031 Series

Educational Tablet



- **Multi-platform:** Windows, Android, 4G
- **Ruggedized Design:** IP54, 70cm drop resistance
- **Eye-protection:** anti blue ray (optional)
- **Stylus:** 1024 pressure level active pen
- **Battery:** 8hrs
- **Connectivity:** Wi-Fi AC up to 2*2, BT up to 5.0
- **Windows Feature:** Cortana, INK, Hello

	GK-MJY1031	GK-MJA1031	GK-MJI1031	GK-MWF1031
CPU	MT8167	MT8173	MT6762	N4000/Z8350
Display	10.1" 800*1280IPS	10.1" 800*1280IPS	10.1" 800*1280IPS	10.1" 800*1280IPS
TP	Capacity touch	Capacity touch	Capacity touch	Capacity touch
Memory	2GB	2GB/4GB	3GB/4GB	2GB/4GB/8GB
Storage	32GB	32GB/64GB	32GB/64GB	32GB/64GB
Camera	2.0MP + 5.0MP	2.0MP + 5.0MP	2.0MP + 5.0MP	2.0MP + 5.0MP
Battery	8000mAh,3.7V	8000mAh,3.7V	8000mAh,3.7V	4000mAh,7.4V
Wi-Fi	b/g/n(ac/a/b/g/n)	ac/a/b/g/n	ac/a/b/g/n	ac/a/b/g/n
Bluetooth	4.0/4.2	4.2	4.2	4.2/5.0
GPS	Y	Y	Y	N
Modem	N	N	GSM/WCDMA/CDMA EVDO/4G	N
HDMI	Y	Y	N	Y
Adapter	5V/2A	5V/2A	5V/2A	12V/2A
Cover	Plastic	Plastic	Plastic	Plastic
OS	Android 9.0	Android 9.0	Android 9.0	Windows 10/10s

609 Series

Educational Laptop



- **Ruggedized Design:** IP52, 70cm drop resistance
- **Stylus:** 1024 pressure level active pen
- **Battery:** 8hrs
- **Connectivity:** Wi-Fi AC up to 2*2, BT up to 5.0
- **Windows Feature:** Cortana, INK, Hello

	GK-MWKA609	GK-MJAA609
CPU	Z8350	MT8173
Display	11.6"1920*1080IPS/1366x768TN	11.6"1920*1080IPS/1366x768TN
TP	Capacity touch	Capacity touch
Memory	2GB/4GB	2GB/4GB
Storage	32GB/64GB/128GB	16GB/32GB/64GB/128GB
Camera	Front 2.0MP (up to 5.0MP)	Front 2.0MP (up to 5.0MP)
Battery	10000mAh,3.7V	10000mAh,3.7V
Wi-Fi	ac/a/b/g/n	ac/a/b/g/n
Bluetooth	4.0/4.2	4.2
HDMI	Y	Y
Type C	Y	Y
Adapter	12V/2A	12V/2A
OS	Windows 10	Android9.0/Chrome

**Control
Panel**

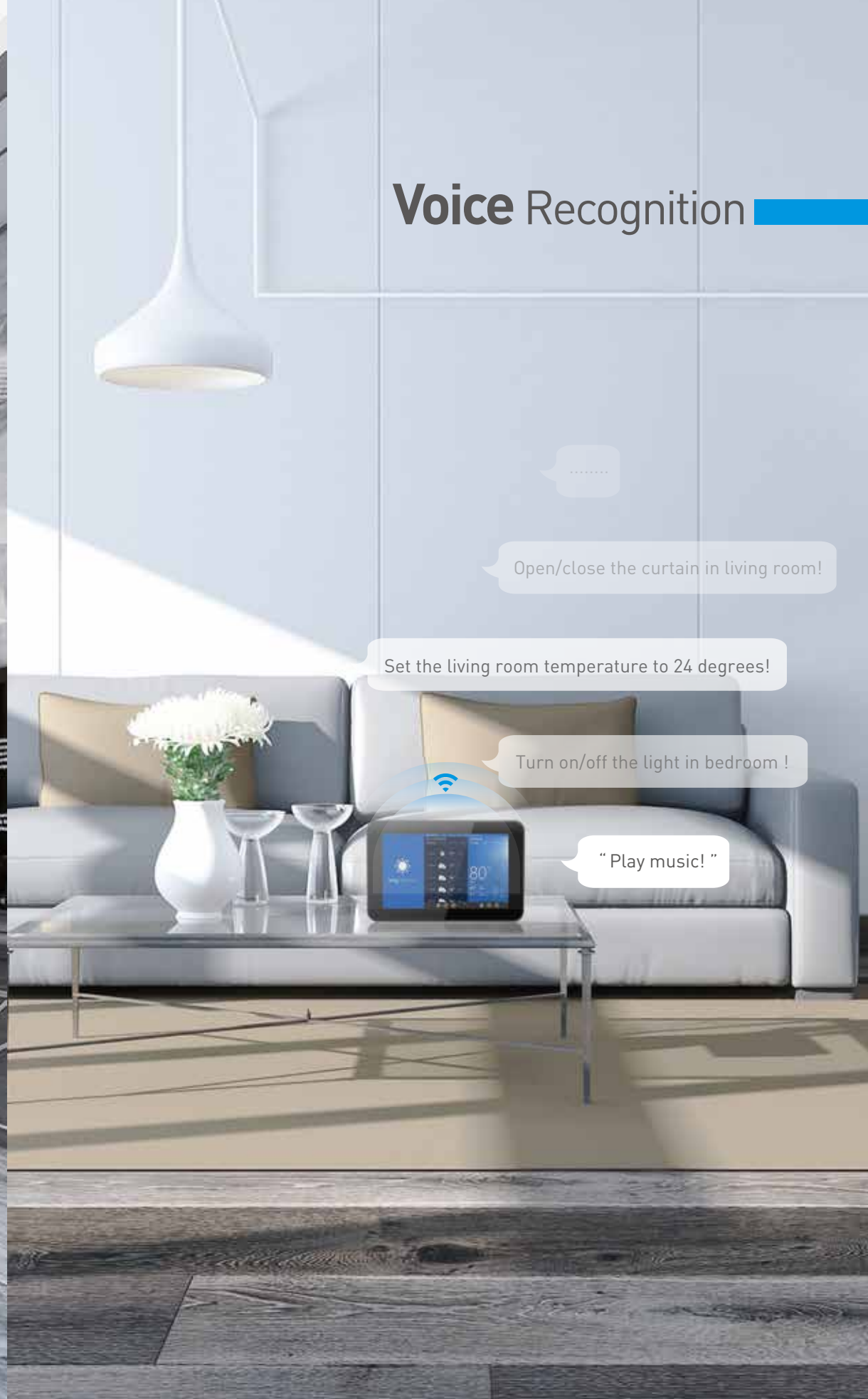


Smart Home Control Center



7 inch, 8inch, 10.1 inch

Voice Recognition



Open/close the curtain in living room!

Set the living room temperature to 24 degrees!

Turn on/off the light in bedroom !

"Play music!"



AI Speaker
with Screen

GK-AJY7016

AI Speaker with Screen



GK-AJE7016

AI Speaker with Screen



GK-AJY7016

CPU	MTK8167, A53 Quad Core, 1.3GHz
Display	7" 1024*600IPS
TP	Capacity touch
Memory	1GB (up to 2GB)
Storage	8GB (up to 64GB)
Camera	Front 2.0MP/5.0MP
Battery	2500mAH 3.7V
Wi-Fi	b/g/n (ac/a/b/g/n)
Bluetooth	4.0/4.2
Voice Pickup	2Mic or 4Mic
Wake Word	Y
Speaker	Output 3W*2
Micro SD	Y
Type-C	Y
Adapter	5V/3A
OS	Amazon Alexa

GK-AJE7016

CPU	Samsung Exynos 7570, A53 Quad core, 1.4GHz
Display	7" 1024*600IPS
TP	Capacity touch
Memory	1GB
Storage	8GB (up to 64GB)
Camera	Front 2.0MP/5.0MP
Battery	2500mAH 3.7V
Wi-Fi	b/g/n
Bluetooth	4.2
Voice Pickup	2Mic or 4Mic
Wake Word	Y
Speaker	Output 3W*2
Micro SD	Y
Type-C	Y
Adapter	5V/3A
OS	Amazon Alexa

Industrial Solution



Intercom System



Dual-screen POS



PDA



Digital Signage

	i701X for AI	i103X-D for AI/Display	i103X-L for AI/4G
CPU	MT8167B Quad-Core CA35 Frequency 1.3GHz HD 1280*800 MT8167A Quad-Core CA35 Frequency 1.5GHz FHD 1920*1200	MT8173 Quad-Core CA72*2+CA53*2 Frequency 1.8GHz Dual-channel 32bit LPDDR3 、 WQXGA (2560*1600)	MT6762 Octa-Core CA53 Frequency 2.0GHz*4+1.5GHz*4 32bit LPDDR3 HD+ (1600*720)
GPU	MT8167B IMG GE8300 500MHz 500Mtri/s, 2.0Gpix/s MT8167A IMG GE8300 600MHz 600Mtri/s, 2.4Gpix/s	Imagination GX6250	Imagination PowerVR Series8XEP GE8320 core
Memory	1GB/2GB	1GB/2GB/4G	1GB/2GB/3GB/4GB
Storage	8GB/16GB/32GB/64GB	8GB/16GB/32GB/64GB	8GB/16GB/32GB/64GB
OS	Android 9.0, support GMS certification service and Alexa certification service	Android 9.0, support GMS certification service and Alexa certification service	Android 9.0, support GMS certification service and Alexa certification service
Safety	Support encryption chipset SSX1207 and extensible support PSAM module	Support encryption chipset SSX1207 and extensible support PSAM module	Support encryption chipset SSX1207 and extensible support PSAM module
Audio	Multi-channel MIC Far field voice recognition Single 0.8W speaker output Extensible support two-channel speaker output (Port definition: Type-C)	Single analog MIC input or dual analog or digital MIC input / Dual 0.8W speaker stereo output	Single analog MIC input,dual analog or digital MIC input/Dual 0.8W speaker stereo output
Network	BT: 4.0 or 4.2 WIFI: 802.11 b/g/n or 802.11 ac/a/b/g/n Navigation: GPS/Glonass/Beidou	BT: 4.2 WIFI: 802.11 ac/a/b/g/n Navigation: GPS/Glonass/Beidou	BT: 4.2 WIFI: 802.11 ac/a/b/g/n Navigation: GPS/Glonass/Beidou 4G: 2G/3G/4G Cat7 GSM: B2/B3/B5/B8 CDMA EVDO: BC0/EVDO FDD: B1/B3/B4/B5/B7/B8/B28 (B20) TDD: B38/B39/B40/B41
I/O Port	Serial port*2: support all kinds of serial port device, such as NFC, printer, barcode scanner, etc. USB*2 (HOST*1, support expansion; OTG*1) SPI*1, support fingerprint module and other functional extensions. I²S*1, support voice recognition module. I ² C*1, support for external extension I ² C sensors GP10 with interrupt control*4 ADC*1 1.8V 12bit TF*1 socket Headphone socket φ 3.5 interational standards port (CTIA)*1 User-difined Type-C port*1 (support USB2.0 ,charging, audiocast) DC charging*1, 5V/3A MIPI Camera*2, maximumly support 13M@15fps or 8M@30fps Type-D HDMI OUT*1 MIPI LCD output*1 (maximumly support 1920*1200)	Serial port*2: support all kinds of serial port device, such as NFC, printer, barcode scanner, etc. USB*3 (HOST*2, support expansion; OTG*1) SPI*1, support fingerprint module and other functional extensions. I²S*1, support voice recognition module. MIPI LCD port*2, support dual-screen display, such as Digital signage, POS I ² C*1, support for external extension I ² C sensors GP10 with interrupt control*4 ADC*2 1.8V or 3.3V 12bit TF*1 socket Headphone socket φ 3.5 interational standards port (CTIA)*1 Type-C port*1 (support USB3.0 ,charging) MIC*2 DC charging*1, 5V/3A MIPI Camera*2, maximumly support 16M@20fps Type-D or Type-A HDMI OUT*1	Serial port*1: support all kinds of serial port device, such as NFC, printer, barcode scanner, etc. USB*3 (HOST*2, support expansion; OTG*1) SPI*2, support fingerprint module and other functional extensions. I²S*1, support voice recognition module. I ² C*2, support for external extension I ² C sensors GP10 with interrupt control*6 TF* 1socket NFC*1 Headphone socket φ 3.5 interational standards port (CTIA)*1 Type-C port*1(support USB3.0 ,charging) MIC*2 DC charging*1, 5V/3A MIPI Camera*2, maximumly support 21M@30fps MIPI LCD port*1
Watchdog	YES	YES	YES
Certificate	CCC, CE, FCC, ROHS, GMS, AVS	CCC, CE, FCC, ROHS, GMS, AVS	CCC, CE, FCC, ROHS, GMS, AVS