

Model: ORT-G10A35 (RK3588 + Android 12 + IP67)

ID Pictures
(For reference only)



Key Features

IP67, 10.1" IPS + RK3588 +8GB +128GB + WiFi 2.4G/5G Dual band + 1000Mbps + DB9 (RS232)+ USB3.1 + Type-C full function

System Physical Standard Configuration:

Type	Details	Descriptions
Product Form	Form Factor	IP67 rugged tablet
	Dimensions	280×184×26.5mm
	Weight	1.15KG
LCD	Screen Size	10.1"
	Screen Resolution	1200×1920 (IPS+HD+600 nits) (standard)
TP	Touch Module	G+G Multi-Touch (10 points)
Battery	Type	Rechargeable lithium polymer
	Capacity	8000mAh/7.6V
	Working Time	Over 8 hours (FHD local video display)

System Hardware Configuration:

Type	Details	Descriptions
CPU	Type	RK3588 Quad-Core Cortex-A76+ Quad-core Cortex-A55
	Speed	2.2GHz ~ 2.4GHz (Max CPU frequency) MAX GPU1000MHz MAXNPU 1000MHz frequency1000MHz
GPU	Type	Multi-Media Processor GPU Mali-G610 MC4
Memory	Capacity	8GB LPDDR5 (Optional 16 GB)
Storage	eMMC	128GB (Optional 256 GB)
	SSD	Optional (Mini PCI-E Interface)
Camera	Front	13M
	Rear	13M
Speaker	Built-in	8Ω/1W*2pcs with water proof
Micphone	Built-in	Yes
G-sensor	Built-in	Yes

Network Connections:

Type	Details	Descriptions
WIFI	WIFI Module: FG6252BPRX-02	FG6252BPRX-02 2T2R 802.11 ax/ac/a/b/g/n Wi-Fi + BT 5.2
Bluetooth	BT Module: FG6252BPRX-02	Bluetooth5.2
3G/4G LTE	Optional	Optional
QR code Scanners	Optional	Optional
GPS	BD2/GPS	Optional
NFC	Optional	Optional

**Rugged Tablet Series****10,1" Embedded CPU****ORT-G10A35**

Fingerprinter	Capacitive fingerprint sensor	Optional
RFID	UHF module	Optional
Ethernet Network	RJ-45	1000Mbps Gigabit Lan

Interface Configuration:

Type	Details	Descriptions
Type-C	Type-C 3.1	×1pc
USB Interface	USB3.1	×2pcs
SD / TF Card reader	TF Card reader	×1pc (up to 512GB)
SIM Card Slot	SIM Slot for 4G/5G LTE	×1pc
Audio Jack	3.5mm standard headphone+Microphone	×1pc
COM Port	DB9 (RS232)	×1pc

Button Switch:

Type	Details	Descriptions
Power	On/Off	×1pc
Volume	Down/UP	×1pc
Shortcut key	Qr code scanning shortcut key	×1pc
Forced restart	Press it to forcibly restart	Support

Accessories:

Type	Details	Descriptions
Power adapter	Type-c 12V/3A	×1pc
User's Manual	User's Manual	×1pc
Handle Straps	Optional	Optional
Extension Docking	USB2.0; Power charging; RJ45; RS232	Optional
Vechile Docking	USB2.0; Power charging; RJ45; RS232	Optional

Software Configuration:

Type	Details	Descriptions
Power Supply	Power on automatically	/
Wake up on Lan	Wake up on Lan by RJ45	/
PXE	Preboot Execution Environment	/
Data Security	TPM2.0 Hardware encryption	/
Operating System	Android12	Yes
	Linux	Test by end user

Environment:

Temperature	Operation Temperature	-10°C ~ 55°C (1080p,4K,8K local video display)
	Storage Temperature	-20°C ~ 70°C (Restore to Operation Temperature 2hr before use)
Humidity	Oprrating Humidity	35% ~ 80% (relative humidity, Non-condensing)
	Storage Humidity	20% ~ 93% (relative humidity, Non-condensing)

Certification:

IP67	IP67 Certification	Yes
Other	Other	Optional