

Product Number: F7R-HD (RK3399 + Android +IP67 Rugged Tablet PC)

ID Pictures (For reference only)	   
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Key Features	IP67, 10.1" IPS + RK3399 + 4G +64G + WiFi 2.4G&5G Dual band + 1000Mbps + HDMI1.4 + RS-232(DB9)+ USB3.0
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System Physical Standard Configuration:

Type	Details	Descriptions
Product Form	Form Factor	IP67 Rugged Tablet PC
	Dimensions	280×184×26.5mm
	Weight	1.2KG
LCD	Screen Size	10.1"
	Screen Resolution	1280×800 (IPS+HD+300ANSI)
TP	Touch Module	G+G Multi-Touch
Battery	Type	Rechargeable lithium polymer
	Capacity	12000mAh/3.7V
	Working Time	Over 8 hours (FHD local video display)

System Hardware Configuration:

Type	Details	Descriptions
CPU	Type	RK3399 Dual-core Cortex-A72 + Quad-core Cortex-A53
	Speed	Up to 1.8GHz
GPU	Type	Mali-T864 GPU
Memory	Capacity	4GB
Storage	eMMC	64GB
Camera	Front	2M
	Rear	5M
Speaker	Built-in	8Ω/1W with water proof
Micphone	Built-in	Yes
G-sensor	Built-in	Yes

Network Connections:

Type	Details	Descriptions
WIFI	WIFI Module: Broadcom AP6255/AP6256	WIFI 802.11ac/b/g/n 2.4G&5Ghz Dual-band
Bluetooth	BT Module: Broadcom AP6255/AP6256	Bluetooth4.2
3G/4G LTE	Optional	Optional with external small PCBA
QR code Scanners	Optional	Optional
NFC	Optional	Optional
GPS	BD2/GPS	Optional
Fingerprinter	Capacitive fingerprint sensor	Optional
Ethernet Network	RJ-45	1000Mbps Gigabit Lan

Interface Configuration:

Type	Details	Descriptions
USB Interface	USB3.0	×1pc
	USB2.0	×2pcs (USB2.0 TypeA×1 + Micro USB2.0 (Debug port)×1)
SD / TF Card reader	TF Card reader	×1pc (up to 128GB)
SIM Card Slot	SIM Slot for 3G/4G LTE	Optional
Audio Jack	3.5mm standard	×1pc
HDMI	Micro HDMI 1.4	×1pc
	Video output through HDMI	Up to 4K

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COM Port	DB9 (RS232)	×1pc

Button Switch:

Type	Details	Descriptions
Power	On/Off	×1pc
Volume	Down/UP	×1pc
CMOS Reset	Reset by Short Press	/

Main Accessories:

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

Software Configuration:

Type	Details	Descriptions
Wake up on Lan	Wake up on Lan by RJ45	/
PXE	Preboot Execution Environment	/
Operating System	Android9.0 or above	Yes
	Linux	Test by end user

Environment:

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

Certification:

IP67	IP67 Certification	Yes
Other	Other	Optional