

Rugged Tablet PC

แท็บเล็ตเกรดอุตสาหกรรม

F7R Android Rugged Tablet

The F7R is a robust 10.1-inch industrial-grade tablet designed for demanding environments. Built with IP67 protection and military-grade ruggedness, it delivers reliable performance in harsh conditions while running Android OS.



Key Features

IP67 Protection: Waterproof and dustproof certified
1.5m Drop Protection: Military-grade shock resistance
Extended Temperature Range: -10°C to 55°C operation
Sunlight Readable Display: High-brightness 1920×1200 IPS panel
Extended Battery Life: 12,000mAh capacity for full-day operation
Rich I/O Interfaces: Comprehensive connectivity options



Technical Specifications

Specification	Details
Processor	RK3399 Hexa-core
• A72 Cores	Dual-core @ 2.0GHz
• A53 Cores	Quad-core @ 1.8GHz
GPU	Mali-T864
Memory	4GB LPDDR4
Storage	64GB eMMC



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Display	
Specification	Details
Size	10.1"
Resolution	1920 × 1200 pixels
Type	IPS LCD
Touch	G+G Capacitive Multi-touch
Protection	Strength Glass

Mechanical	
Dimensions	280 × 184 × 26.5 mm
Weight	1.2 kg
Housing	High-strength polycarbonate
Mounting	VESA compatible



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Environmental	
Specification	Details
Operating Temp.	-10°C to 55°C
Storage Temp.	-20°C to 70°C
Humidity	5% to 95% non-condensing
Protection	IP67 (Dust/Water)
Drop	1.5m (MIL-STD-810G)

Power	
Battery	12,000mAh/3.7V Li-Polymer
Battery Life	Up to 8-10 hours
Charging	DC Input 12V/2A



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I/O Interface	
Type	Specification
USB	4× USB 3.0
	1× Type-C 3.1
Network	1× Gigabit Ethernet (RJ45)
Video	1× HDMI 2.0 (4K Support)
Audio	1× 3.5mm Headphone
Serial	1× COM (RS232)
	1× DB9 (RS232)
Storage	1× TF/SD Card (Max 256GB)
Power	1× DC Power Input

Software	
Operating System	Android
API Level	Android 9.0+ compatible
Communication	
Type	Specification
Ethernet	10/100/1000 Mbps
Wi-Fi	802.11 a/b/g/n/ac (Optional)
Bluetooth	BT 4.2/5.0 (Optional)
4G LTE	Optional module



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Certifications	
IP67 Ingress Protection	
MIL-STD-810G (Shock/Vibration)	
CE/FCC/RoHS (Pending)	
Applications	
Factory Automation	
Warehouse Management	
Field Service	
Vehicle Mounting	
Industrial IoT	
Smart Manufacturing	
Outdoor Data Collection	
Ordering Information	
Model	Description
F7R-4G64G-A	Standard configuration - Android, 4GB/64GB
F7R-4G64G-W	Optional Windows configuration
F7R-ACC-DOCK	Vehicle docking station
F7R-ACC-PS	Power supply adapter

