

7" Rugged Multi-Function Mobile Computer

Overview

S70 mobile IOS terminal, tough appearance, is with 7" industrial-grade, 1000cd/m² full-view display, toughened glass TP, and also aero-grade titanium alloy material frame. It meets MIL-STD-810G/Method 516.6/Procedure IV and military standard. And it can withstand up to a 1.5m drop and 2 ton shock pressure test. While, it also comes with a suite of integrated features, which is high-integration, high-performance, high-reliability, high-flexibility. Also it goes with a long-life 10000mAh battery, sunlight-readable, and operating under extreme low temperature.

Features

- ARM Cortex A73 Octa-Core 2 GHz
- Operating System Android 10/11
- Screen size 7-inch IPS, resolution 1280x720 HD
- Optional; NFC, RFID, 2D Barcode, Fingerprint
- Supports 4G, Wi-Fi, Bluetooth and GNSS
- High-capacity battery 10000mAh
- MIL-STD-810G & IP65 certified



I/O Interfaces



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Specifications

DISPLAY		
Size	7-inch IPS/AFFS HD	
Touch type	Capacitive/Frosted tempered film supports glove touch / spray / active capacitive pen	
Resolution	1280x720	
Luminance	1000 nits Sunlight-Readable	
SYSTEM		
CPU	MediaTek MT6771 ARM Cortex-A73 Octa-Core 2.0 GHz	
Memory	8 GB	
Storage	128 GB	
External Memory	Micro SD Card (T-Flash Card), max 1TB	
Graphics	ARM Mali-G72 MP3	
Operating System	Android 10/11	
Camera	Main : 13.0MP (AF) with Flash Led Sub camera : 5.0MP	
Sensor	Gravity, Magnetic Field, Motion, Gyroscope, Light, Acceleration	
I/O PORTS		
USB	1x USB Type A (Host) 1x USB Type-C	
SIM Card	1.8 / 3.3V SIM Card	
TF Card	Micro SD Card (T-Flash Card), max 1TB	
Charging interface	1x Type-C & Pogo PIN & DC 5V (Direct Battery Charging)	
Headphone	3.5mm (CTIA)	
COMMUNICATION		
Wi-Fi	Dual-Band Wi-Fi (2.4GHz/5.0GHz), single stream 802.11 a/b/g/n/ac	
Bluetooth	Bluetooth V4.2 Low Energy (LE)	
Cellular	Phone Call : GSM/WCDMA/VoLTE 2G : GSM/EDGE/GPRS/WAP 2G BAND : GSM (B2/3/5/8) 3G : WCDMA 3.75G (HSPDA+42.2Mbps, HSUPA+11.5Mbps) 3G BAND : WCDMA (B1/2/5/8) 4G : FDD: 150Mbps down, 50Mbps UP TDD: 150 Mbps, 50Mbps UP 4G BAND : TD-LTE (B38/39/40/41); FDD LTE (B1, B2, B3, B4, B5, B7, B8, B12, B17, B20, B28)	
GNSS	GPS, GLONASS, BeiDou, AGPS, SBAS (EPO 2.5m)	
OPTIONAL MODULES		
Extension 1	NFC Module	
	UHF RFID Module	(M500 ASTM) + Antenna (M500 EN) + Antenna
	LF RFID Module	125K LF ID Card (8H-10D)

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		125K LF ID Card (10D) 125K LF ID Card Module 134.2K LF Animal Tag Module
	<i>HF RFID Module</i>	13.56M HF Module (single protocol) 13.56M HF Module (multi-protocol)
	<i>Other customer supply modules</i>	Need to meet the interface conditions: Powered by 3.3V-1.5A/5V-1.5A, UART Interface, interface level 3.3V/5V, GPIO 1/electrical level 3.3V/5V.
Extension 2	<i>2D Barcode Module</i>	
Extension 3	<i>Fingerprint</i>	G2010 Module
ENVIRONMENT		
Charger	5.0V 2A 10W	
Operating temperature	-20°C to 55°C	
Storage temperature	-40°C to 80°C	
Relative humidity	5% to 95%, non-condensing	
Operating Altitude	Max: 4,500m (15,000 feet)	
Shake-proof	1-19Hz /1.0mm; 19-200Hz/1.0g	
Dropproof / IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05	
Waterproof	Class 5 (IEC 60529)	
Dustproof	Class 6 (IEC 60529)	
Reliability	MTBF >5000h; MTTR <0.5h	
IP Rating	IP65	
Language	English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified, Chinese, Chinese Traditional,...	
BATTERY		
Battery type	10000mAh	
MECHANICAL		
Dimensions (L x W x H mm)	237 x 137 x 29 mm	
Weight (kg)	780g	
Color	Black&Yellow, Black&Green, Black&Gray (PC+ABS+TPU)	
CERTIFICATION		
Certification	CE, 3C, ROHS, FCC	

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Dimensions



Ordering Information

Ref.	Description
XRT-25A0701S1	7", 720x1280, 1000 nits, MT6771, 8+128GB, Gray, Neutral