

# .XHT-24A0702S1

7" Full Rugged PDA Ultra-bright HD

## Overview

XHT-24A0702S1 rugged tablet PC, tough appearance, is with 7" industrial-grade, 2200cd/m<sup>2</sup> full-view display, toughened glass TP, and also aero-grade titanium alloy material frame. It meets MIL-STD-810G/Method516.6/ProcedureIV and military standard. Ant it can be 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 9/10/11/13...
- Screen size 7-inch IPS, resolution 1920x1080 HD
- Optional:, NFC, RFID modules
- Supports 4G, Wi-Fi, Bluetooth and GNSS
- High-capacity battery 10000mAh
- MIL-STD-810G & IP67 certified



Android



High-capacity

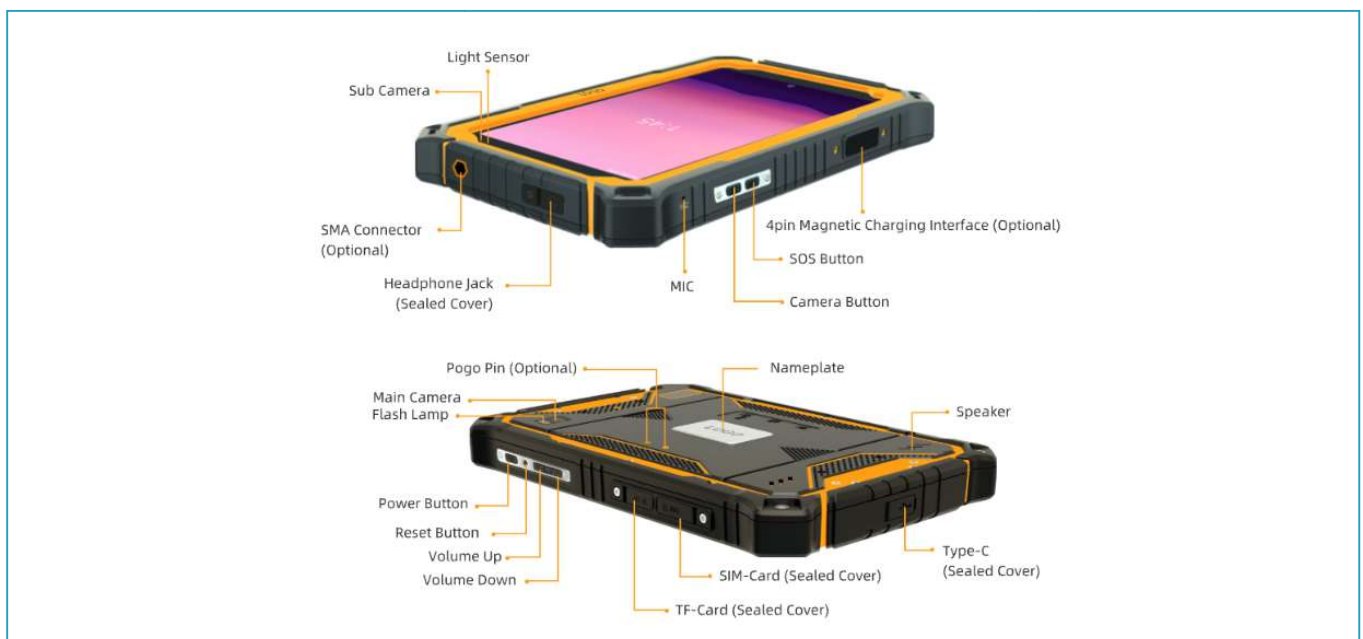


IP67



RFID

## 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	1920x1080	
Luminance	2200 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 9/10/11/13... (Continuous Updates)	
Camera	Main : 13.0MP (AF) with Flash Led	
Sensor	Gravity, Magnetic Field, Motion, Gyroscope, Light, Acceleration	
I/O PORTS		
USB	1x USB Type C OTG	
SIM Card	1.8 / 3.3V SIM Card	
TF Card	Micro SD Card (T-Flash Card), max 1TB	
Charging interface	1x Type-C	
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 V5.0 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	<i>NFC Module</i>	
Extension 2	<i>High-Precision multi-mode GNSS positioning modules (meter-level RTD)</i> <i>High-Precision multi-mode dual-frequency module (centimeter level RTK)</i> <i>High-Precision multi-mode full-band module (mm-level RTK)</i>	
Extension 3	<i>UHF Module</i>	(M500 ASTM) + Antenna (M500 EN) + Antenna
	<i>LF RFID Module</i>	125K LF ID card (8H-10D) 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>Port Module</i>	UART

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		RS-232
	<i>Industrial-grade short-distance data communication module</i>	LoRa Zigbee
	<i>Other customer supply modules</i>	Need to meet the interface conditions: Powered by 3.3V-1.5A, UART interface, interface level 3.3V/5V, GPIO 1 /electrical level 3.3V/5V.
<b>ENVIRONMENT</b>		
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	
Droptproof / IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05	
Waterproof	Class 7 (IEC 60529)	
Dustproof	Class 6 (IEC 60529)	
Reliability	MTBF >5000h; MTTR <0.5h	
IP Rating	IP67	
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,...	
<b>BATTERY</b>		
Battery type	10000mAh	
<b>MECHANICAL</b>		
Dimensions (L x W x H mm)	202 x 131 x 21 mm	
Weight (kg)	700g	
Color	Black&Yellow, Black&Green, Black&Gray (PC+ABS+TPU)	
<b>CERTIFICATION</b>		
Certification	CE, 3C, ROHS, FCC	

## Dimensions



## Ordering Information

Ref.	Description
XHT-24A0702S1	7", 1920x1080, 2200 nits, MT6771, 8+128GB, Gray, Neutral