

7" Full Rugged PDA Ultra-bright HD 2200 nits

Overview

T71 rugged PDA, tough appearance, is with 7" industrial-grade, 2200 cd/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. 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
UART (optional)	2x onboard UART TTL3.3
RS-232 (optional)	1x RS-232 (M8-5pin connector or Pogopin-6pin connector)
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	NFC Module
Extension 2	HD 1612 (Beidou) + Ceramic antenna HD1612 (Glonass) + Ceramic Antenna
Extension 3	UHF Module (M500 ASTM) + Antenna (M500 EN) + Antenna

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	<i>LF RFID Module</i>	125K LF ID card (8H-10D) 125K LF ID card (10D) 125K LF ID card module 134K LF Animal Tag Module
	<i>HF RFID Module</i>	13.56M HF Module (single protocol) 13.56M HF module (multi-protocol)
	<i>RS-232 Module</i>	
	<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.

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 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,...

BATTERY

Battery type	10000mAh
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MECHANICAL

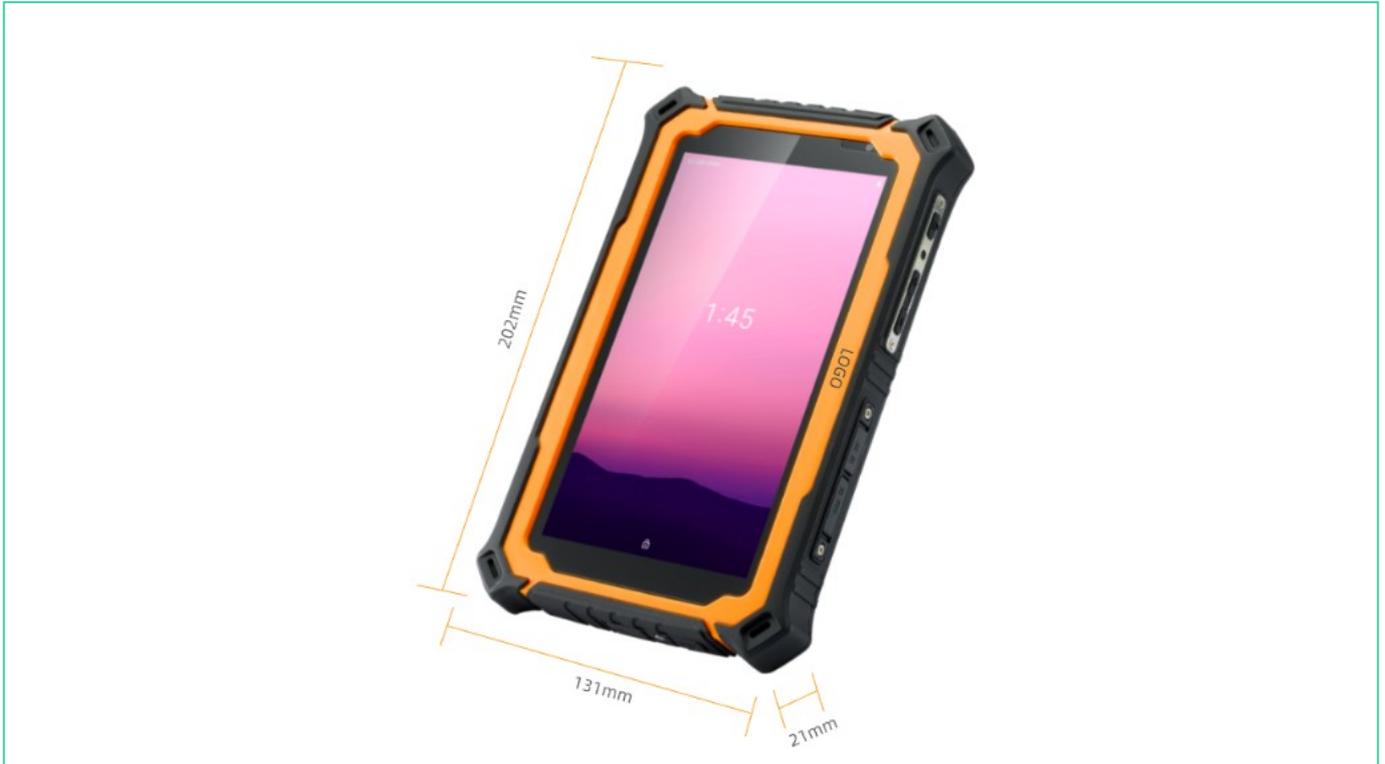
Dimensions (L x W x H mm)	202 x 131 x 21 mm
Weight (kg)	700g
Color	Black&Yellow, Black&Green, Black&Gray (PC+ABS+TPU)

CERTIFICATION

Certification	CE, 3C, ROHS, FCC
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Dimensions



Ordering Information

Ref.	Description
T71	7", 1920x1080, 2200 nits, MT6771, 8+128GB, Gray, Neutral