



HUGEROCK T71

RUGGED TABLET PC

7 Inch Full Rugged Ultra-bright HD Mobile Computer

T71 Hugerock rugged tablet PC, 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/Method516.6/ProcedureIV 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.



All-mode
Full Bands



10000mAh
Safety Battery



1.5m
Drop-proof



5MP/13MP
Camera



GNSS
GPS+Beidou+Glonass
+AGPS+SBAS



HUGEROCK-T71
tools for industrial

Shenzhen SOTEN Technology Co., LTD

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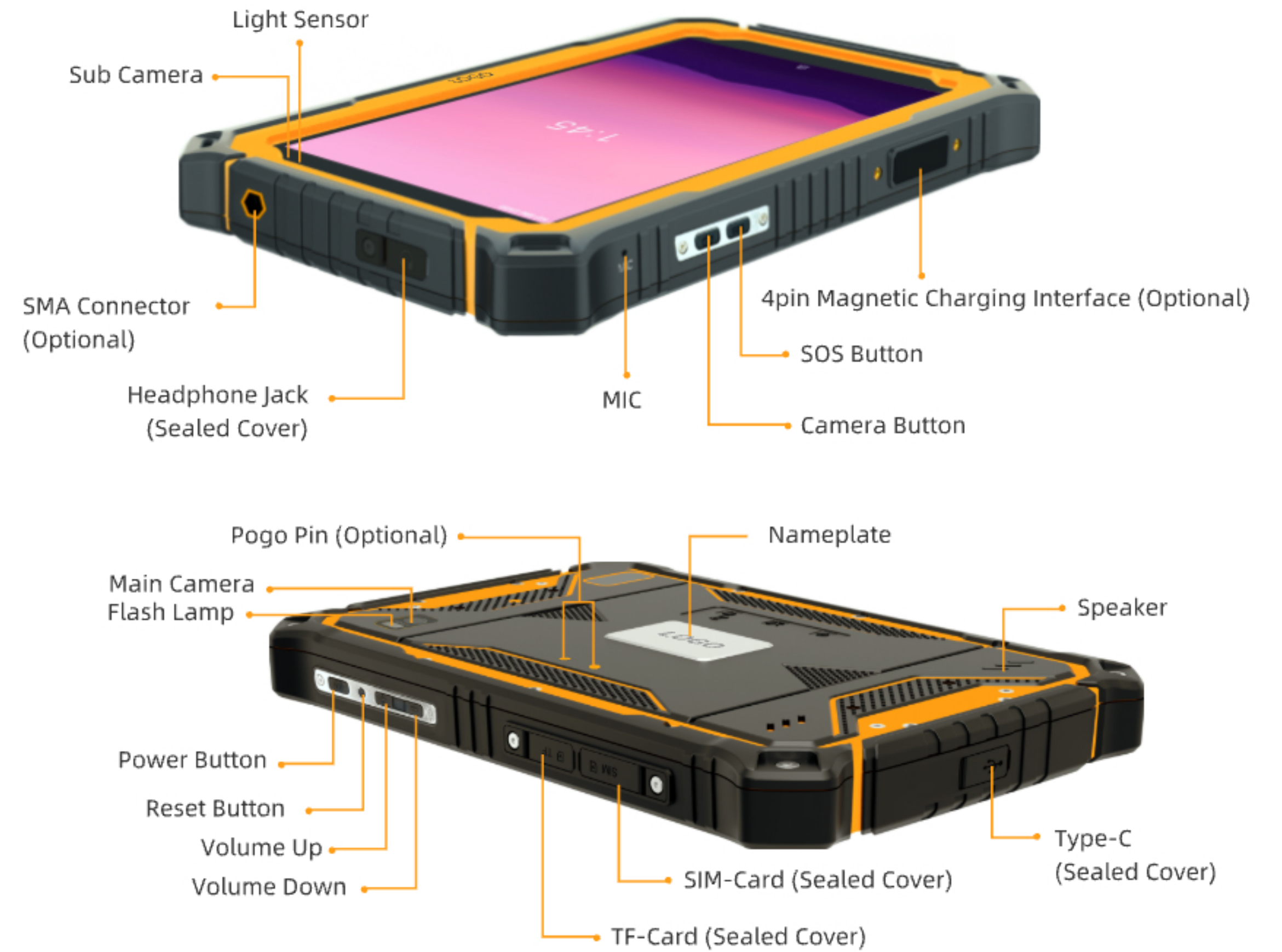
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APPEARANCE



SPECIFICATION

T71

Hardware		Communications & Networking	
CPU	ARM Cortex A73 Octa-core (2.0GHz)	Phone Call	GSM /WCDMA/VoLTE
GPU	ARM Mali-G72 MP3	2G	GSM/EDGE/GPRS/WAP
RAM	8GB	2G Band	GSM (B2/3/5/8)
Internal Memory	128GB	3G	WCDMA 3.75G (HSDPA+42.2Mbps, HSUPA+11.5Mbps)
External Memory	Micro SD card (T-FLASH card), max 1TB	3G Band	WCDMA(B1/2/5/8)
Main Camera	13.0MP(AF)with flash led	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps , 50Mbps up
Sub Camera	5.0MP	4G Band	TD-LTE (B38/39/40/41); FDD LTE (B1,B2,B3,B4,B5,B7,B8,B12,B17,B20,B28)
Battery	10000mAh	WI-FI	Dual-band WIFI(2.4GHz/5Ghz)single stream 802.11 a/b/g/n/ac
Display	7 inch IPS/AFFS 720*1280 HD industrial 1000nit Sunlight Readable	BT	5.0 Low Energy(LE)
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	Industrial & Reliability Design	
IO/Sensor/Navigation		Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
SIM Card	1.8/3.3V SIM card	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
TF Card	Micro SD card (T-FLASH card), max 1TB	Waterproof	Class 7 (IEC 60529)
Headphone	3.5mm (CTIA)	Dustproof	Class 6 (IEC 60529)
Charging interface	Type-C*1	Reliability	MTBF>5000h; MTTR<0.5h
Data interface	USB Type-C (OTG)*1	Operating temperature	-20°C to 55°C
Gravity sensor	support	Storage Temperature	-40°C to 80°C
Magnetic Field Sensor	support	RH	5% to 95%
Motion sensor	support	Operating Altitude	Max: 4,500m (15,000 feet)
Gyroscope sensor	support	Certification/OS/Software	
Light-sensor	support	Certification	3C/FCC/CE/ROHS/IP67 (IEC 60529)
Acceleration sensor	support	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, etc
Charger	5.0V 2A-10W	OS	Android 9/10/11/13 (Continuous updates)
Navigation	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	Package/Warranty terms/OEM	
Appearance		Warranty	24 Months (12-month Battery Warranty)
Size	202*131*21mm (L×W×H)	OEM/ODM	Support
Weight	700g	Package	USB cable/Charger/Introduction manual/Screen protector/Packing box(Can be customized logo)/Precautions Card/ Hand strap/Toolkit(optional)
Color & Material	Black&yellow; Black&green; Black&Gray (PC+ABS+TPU)		



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OPTIONAL MODULES & ACCESSORIES

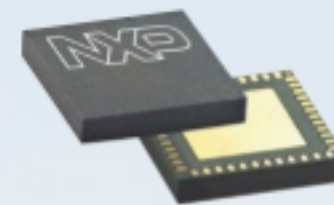


RFID Reader Optional LF HF UHF



125K LF RFID Module

Support: ID Card(8HEX-10D)EM4100, 4001, TK4100, EM4305
Read Distance 2-5cm(Optional HID card support)



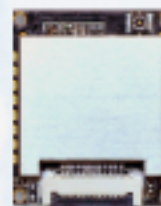
13.56M HF RFID or NFC Module

13.56M HF Support ISO14443A/B/ISO15693 Readable/Data Transmission/Card Emulation/Encryption
Authenticated
Read Distance: 2-5cm



134.2K LF RFID Module

Operation Frequency: 134.2kHz
Support Agreement: ISO11784/5
Read Distance: 2-5cm
Working Mode: FDX-B(Full-duplex Communication)



UHF RFID Module/Antenna

Air Interface Protocol: EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C
operating Spectrum Range: 902Mhz - 928Mhz, 865MHz - 868MHz(Optional)
Output range: 0-26 dBm
Output accuracy: +/- 1dB
Output power level: +/- 0.2dB
Tag recognition is sensitive and stable.
Read Distance : 2-3m(2dB Antenna Test Card E41)

****Only one RFID module can be selected**

OPTIONAL MODULES & ACCESSORIES

OPTIONAL

RS232 Serial port module
&
M8 5pin to 9pin Connector cable



RS232 Serial port
module

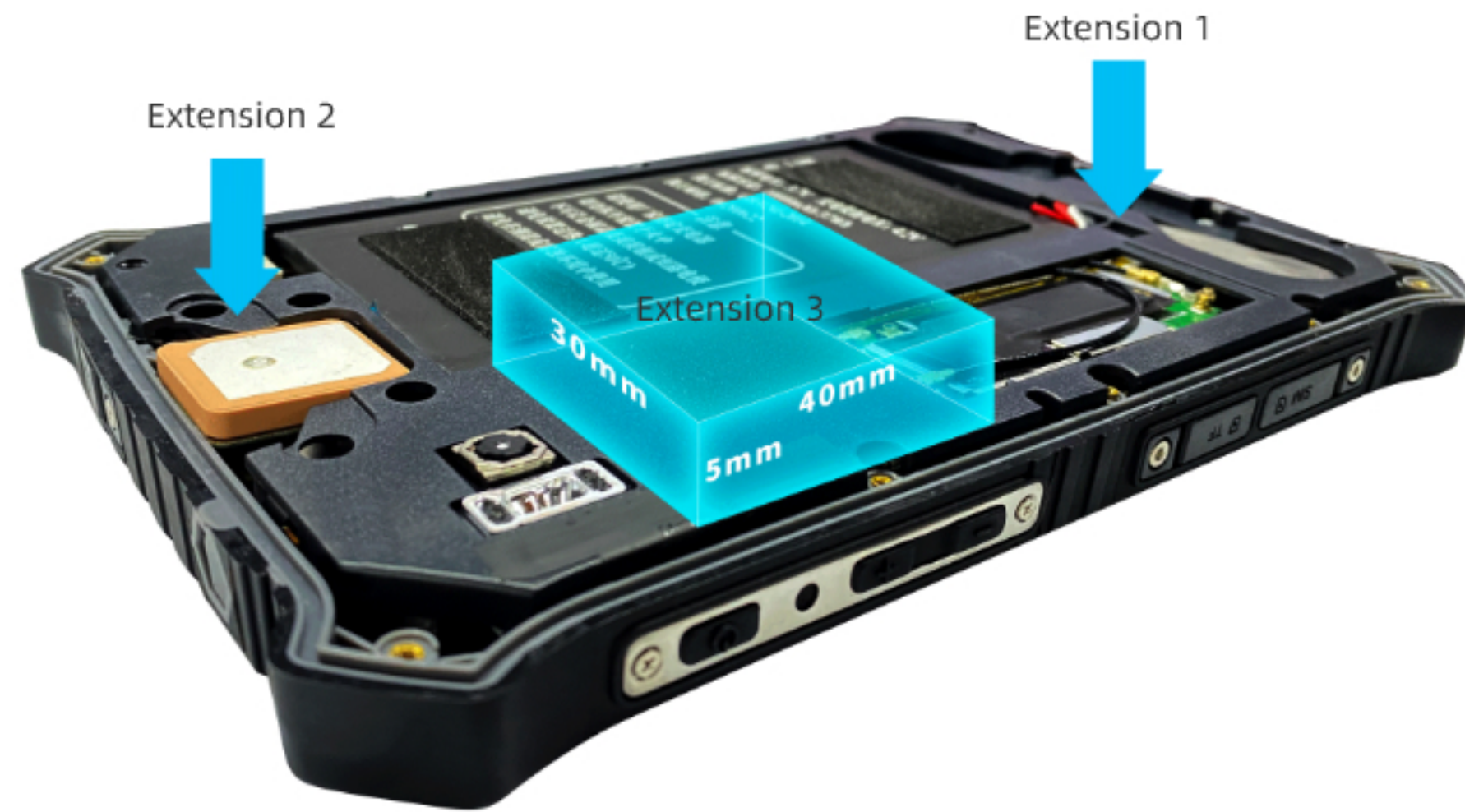
+



M8 5pin to 9pin
Connector cable



OPTIONAL MODULES



Extension 1	NFC module	
Extension2 Positioning module	High-precision multi-mode GNSS positioning module(meter-level RTD) High-precision multi-mode dual- frequency module (centimeter level RTK) High-precision multi-mode full- band module (mm-level RTK)	
Extension 3	UHF module	(M500 ASTM) + Antenna (M500 EN) + Antenna
	LF RFID module	125K LF ID card (8H-10D) 125K LF ID card (10D) 125K LF HID card module 134.2K LF animal tag module
	HF RFID module	13.56M HF module (single protocol) 13.56M HF module (multi-protocol)
	Port Module	UART RS232
	Industrial-grade short-distance data communication module	Lora ZigBee
	Other customer supply modules	Need to meet the interface conditions : Powered by3.3V-1.5A/5V-1.5A, UART Interface, interface level 3.3V/5V, GPIO 1 /electrical level 3.3V/5V.