



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, 2200 cd/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.



4G
All-mode
Full Bands



10000mAh
Safety Battery



1.5m
Drop-proof



5MP/13MP
Camera

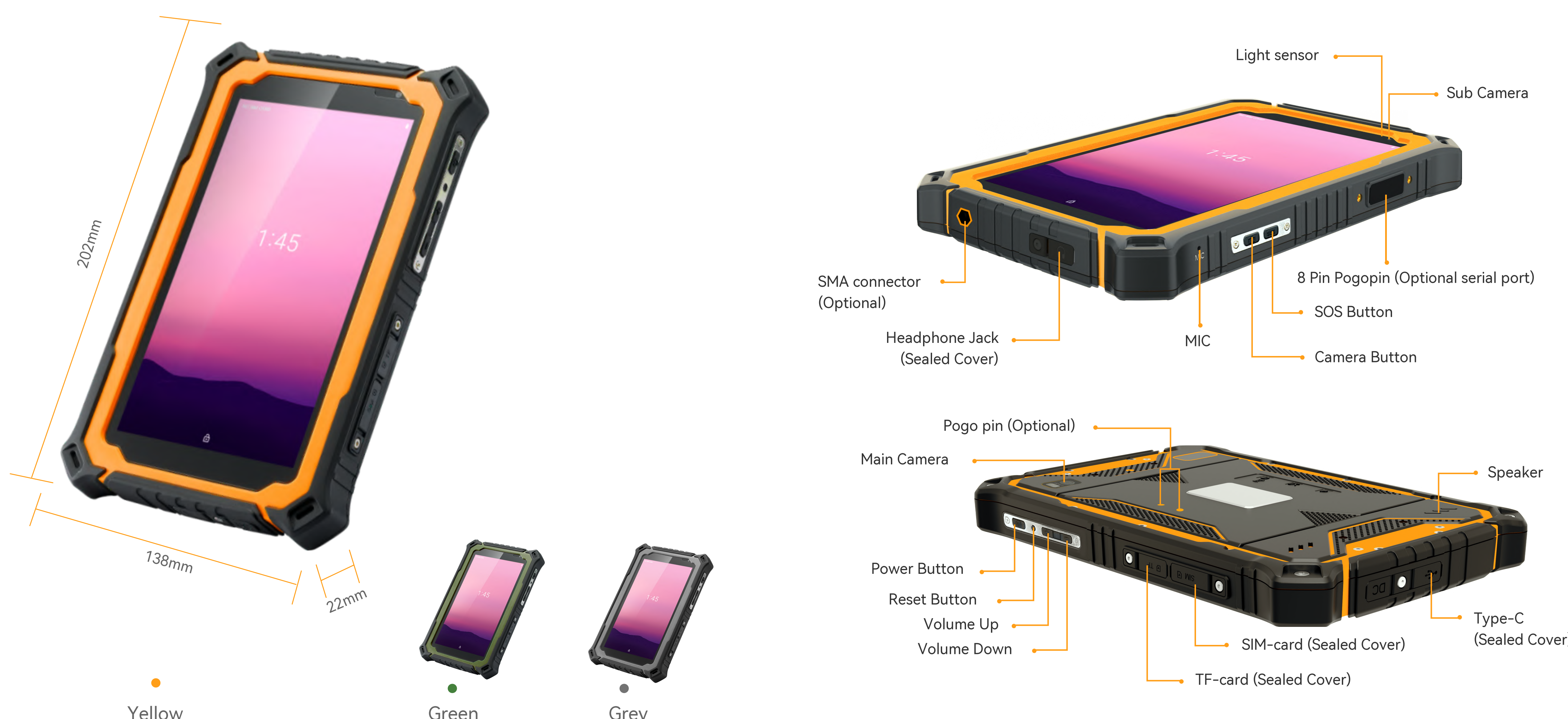


GNSS
GPS+Beidou+Glonass
+AGPS+SBAS



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APPEARANCE



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SPECIFICATION

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Hardware	Communications & Networking
CPU: ARM Cortex A73 Octa-core (2.0GHz)	Phone Call: GSM /WCDMA/CDMA 1X/VoLTE
GPU: ARM Mali-G72 MP3	2G: GSM/CDMA 1X/EDGE/GPRS/WAP
RAM: 8G	2G Band: GSM (B2/3/5/8)
Internal Memory: 128G	3G: WCDMA 3.75G(HSDPA+42.2Mbps, HSUPA+11.5Mbps), EVDO
External Memory: Micro SD card(T-FLASH card), max 256GB	3G Band: WCDMA(B1/2/5/8), Evdo: BC0/BC1 CDMA: BC0/BC1
Main Camera: 13.0MP(AF)with flash led	4G: FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink, 50Mbps uplink
Sub Camera: 5.0MP	4G Band: TD-LTE (B38/39/40/41); FDD LTE (B1/2/3/4/5/7/8/12/17/20/28)
Battery: 10000mAh	WI-FI: Dual-band WIFI(2.4GHz/5GHz) single stream 802.11 a/b/g/n/ac
Display: 7 inch IPS/AFFS 1080*1920 HD industrial 2200nit 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
Headphone: 3.5mm(CTIA)	Waterproof: Class 7 (IEC 60529)
Charging interface: Type-C*1	Dustproof: Class 6 (IEC 60529)
Data interface: USB Type-C(OTG)*1	Reliability: MTBF>5000h; MTTR<0.5h
UART (optinal): UART TTL3.3 X2 onboard	Operating temperature: -20°C to 55°C
RS232 (optinal): RS232X1(M8-5pin connector or PogoPin-6pin connector)	Storage Temperature: -40°C to 80°C
Direction Sensor: support	RH: 5% to 95%
Gravity sensor: support	Operating Altitude: Max: 4,500m (15,000 feet)
Magnetic Field Sensor: support	Certification/OS/Software
Motion sensor: support	Certification: 3C/FCC/CE/ROHS/ATEX/IP67 (IEC 60529)
Rotation Vector: 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
Light-sensor: support	OS: Android 9/10/11/13 (Continuous updates)
Acceleration sensor: support	Package/Warranty terms/OEM
Charger: 5.0V 2A-10W	Warranty: 24 months
Navigation: GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	OEM/ODM: Support
Appearance	Package: USB cable/Charger 5V 2A/Introduction manual/Screen protector/Packing box (Can be customized logo/Aircraft box/Toolkit (optional)
Size: 202*138*22mm (LxWxH)	
Weight: 700g	
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(8H-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

134K LF RFID Module
Operation Frequency: 134.2kHzsupport agreement: ISO11784/5Read distance >5cm
Working mode: FDX-B (full-duplex communication)

UHF RFID Module/antenna
Air interface protocol: EPCglobal UHF Class 1 Gen 2 / ISO 18000-6COperating spectrum range: 902Mhz ~ 928Mhz865Mhz ~ 868Mhz(Optional)
Output range: 0-26 dBm
Output accuracy: +/- 1dB
Output power level: +/- 0.2dB
Read distance: 1.5-2m (2db antenna test card E41)

* Only one RFID module can be selected



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OPTIONAL MODULES & ACCESSORIES

OPTIONAL

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

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



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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
	LF RFID module	125K LF ID card (8H-10D) 125K LF HID card (10D) 134K LF animal tag module
	HF RFID module	13.56M HF module (single protocol) 13.56M HF module (multi-protocol)
	RS232 module	
	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.	



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