

# HUGEROCK T70

## RUGGED TABLET PC

7 Inch Full Rugged Ultra-bright HD Mobile Computer

T70 Hugerock rugged tablet PC, tough appearance, is with 7" industrial-grade, 1000 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.



All-mode Full Bands



10000mAh Safety Battery



1.5m Drop-proof



5MP/13MP Camera



GNSS  
GPS+Beidou+Glonass  
+AGPS+SBAS



HUGEROCK-T70  
tools for industrial

Shenzhen SOTEN Technology Co., LTD  
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## APPEARANCE



- Type-C (Sealed Cover)
- MIC
- Light sensor
- Front Camera
- SIM (Sealed Cover)
- TF (Sealed Cover)
- Volume Down
- Volume Up
- Rest
- Power Button
- Headphone Jack (Sealed Cover)
- Rear Camera
- Speaker
- Nameplate



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## SPECIFICATION

Model : T70

<b>Hardware</b>	CPU: ARM Cortex A73 Octa-core (2.0GHz) GPU: ARM Mali-G72 MP3 RAM: 8G Internal Memory: 128G External Memory: Micro SD card(T-FLASH card), max 256GB Main Camera: 13.0MP(AF)with flash led Sub Camera: 5.0MP Battery: 10000mAh Display: 7 inch IPS/AFFS 720*1280 HD industrial 1000nit Sunlight Readable Touch Panel: Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	<b>Communications &amp; Networking</b>	Phone Call: GSM /WCDMA/CDMA 1X/VoLTE 2G: GSM/CDMA 1X/EDGE/GPRS/WAP 2G Band: GSM (B2/3/5/8) 3G: WCDMA 3.75G (HSDPA+42.2Mbps, HSUPA+11.5Mbps), EVDO 3G Band: WCDMA (B1/2/5/8), Evdo: BC0/BC1 CDMA: BC0/BC1 4G: FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink, 50Mbps uplink 4G Band: TD-LTE(B38/39/40/41); FDD LTE(B1/2/3/4/5/7/8/12/17/20/28) Wi-Fi: Dual-band WIFI(2.4GHz/5GHz)single stream 802.11 a/b/g/n/ac BT: 5.0 Low Energy(LE)
<b>IO/Sensor/Navigation</b>	SIM Card: 1.8/3.3V SIM card Headphone: 3.5mm(CTIA) Charging interface: Type-C*1 Data interface: USB Type-C*1 support Direction Sensor: support Gravity sensor: support Magnetic Field Sensor: support Motion sensor: support Rotation Vector: support Light-sensor: support Acceleration sensor: support Charger: 5.0V 2A-10W Navigation: GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	<b>Industrial &amp; Reliability Design</b>	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;MTRR<0.5h Operating temperature: -20°C to 55°C Storage Temperature: -40°C to 80°C RH: 5% to 95% Operating Altitude: Max: 4,500m (15,000 feet)
<b>Appearance</b>	Size: 200*132*21mm (L*W*H) Weight: 640g Color & Material: Black&yellow, Black&green, Black&Gray (PC+ABS+TPU)	<b>Certification/OS/Software</b>	Certification: 3C/FCC/CE/ROHS/ATEX/IP67 (IEC 60529) 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 OS: Android 9/10/11(Continuous updates)
		<b>Package/Warranty terms/OEM</b>	Warranty: 24 months OEM/ODM: Support Package: USB cable/Charger 5V 2A/Introduction manual/Screen protector/Packing box (Can be customized logo)/Aircraft box/Toolkit (optional)



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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 - 928MHz±865MHz - 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)

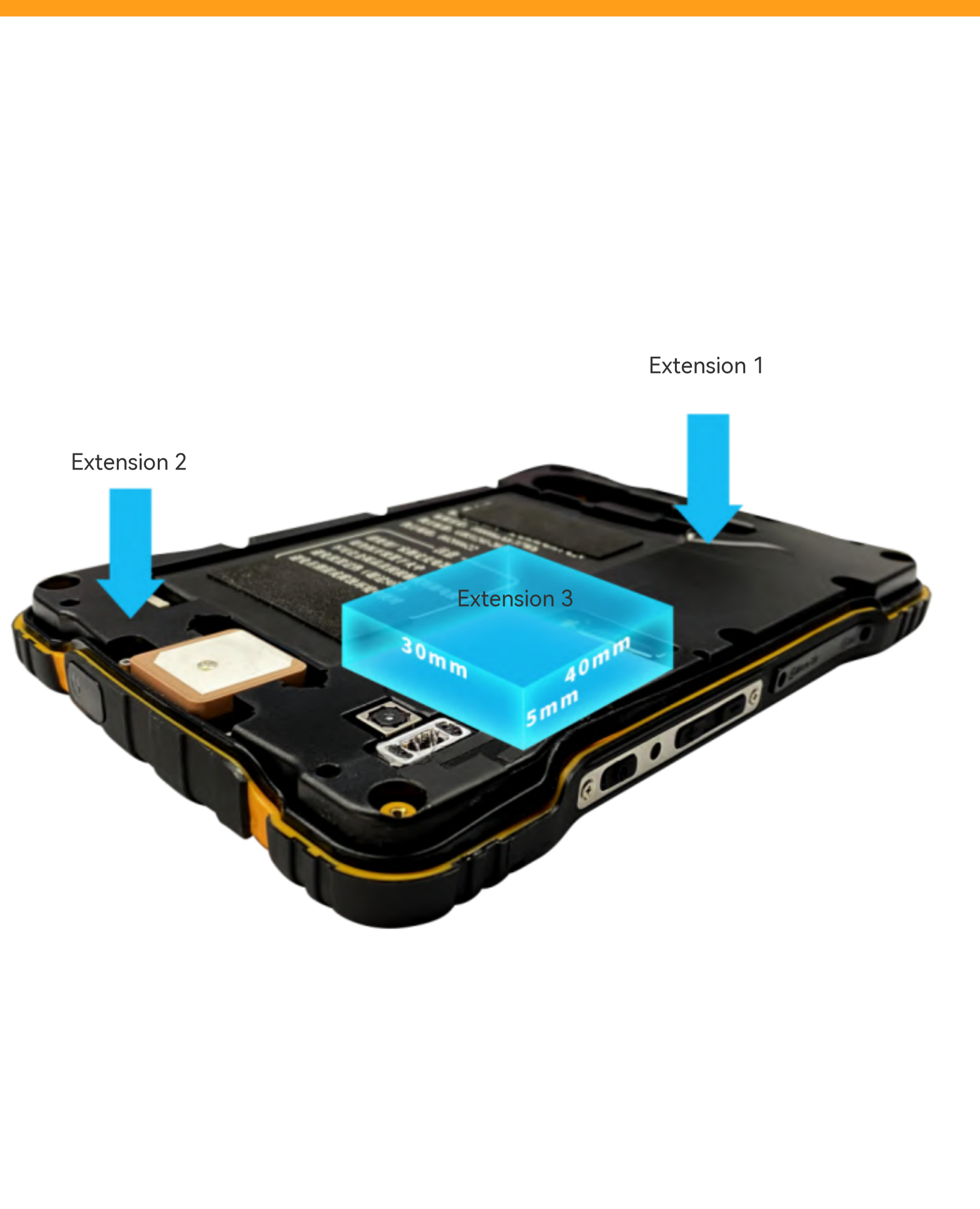
\*\*The RFID module only supports one of the optional



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<b>Extension 1</b>	NFC module	
<b>Extension2 Positioning module(1612)</b>	HD 1612(Beidou)+Ceramic Antenna HD 1612(GLONASS)+Ceramic Antenna	
<b>Extension 3</b>	<b>UHF module</b>	(M500 ASTM) + Antenna (M500 EN)+Antenna
	<b>LF RFID module</b>	125K LF ID card (8H-10D) 125K LF ID card (10D) 125K LF HID card module 134K LF animal tag module
	<b>HF RFID module</b>	13.56M HF module (single protocol) 13.56M HF module (multi-protocol)
	<b>Industrial-grade data communication module</b>	Lora ZigBee
<b>Other customer supply modules</b>	Need to meet the interface conditions: Powered by 3.3V-1.5A/5V-1.5A, UART meet the interface level 3.3V/5V,GPIO 1/electrical level 3.3V/5V.	



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