

HUGEROCK T101L

RUGGED TABLET PC

10.1 Inch rugged Multi-function Mobile Computer

Hugerock T101L mobile IOS terminal, tough appearance, is with 10.1" 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 1.2m 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 14600mAh battery, sunlight-readable, and operating under extreme low temperature.



All-mode
Full Bands



14600mAh
Safety Battery



1.2m
Drop-proof



5MP/13MP
Camera



GNSS
GPS+Beidou+Glonass
+AGPS+SBAS



HUGEROCK-T101L
tools for industrial

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APPEARANCE



SPECIFICATION

Model : T101L

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	6GB	2G Band	GSM (B2/3/5/8)
Internal Memory	64GB	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	14600mAh	WI-FI	Dual-band WIFI(2.4GHz/5Ghz)single stream 802.11 a/b/g/n/ac
Display	10.1 inch IPS/AFFS 1920*1200 FHD 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/TF Card	Nano SIM card * 2, Micro SD card * 1 (Choose any two out of three)	Dropproof/IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
Charging interface	Type-C & 8pin pogo pin	Waterproof	Class 5 (IEC 60529)
Data interface	USB Type-A (Host)*2, Type-C*1	Dustproof	Class 6 (IEC 60529)
RS232	Uses 5pin micro USB interface, including one GPIO port	Reliability	MTBF>5000h; MTTR<0.5h
Gravity sensor	support	Operating temperature	-20°C to 55°C
Magnetic Field Sensor	support	Storage Temperature	-40°C to 80°C
Motion Sensor	support	RH	5% to 95% (95%RH, non-condensing)
Gyro sensor	support	Operating Altitude	Max: 4,500m(15,000 feet)
Light-sensor	support	Certification/OS/Software	
Acceleration sensor	support	Certification	3C/FCC/CE/ROHS/IP65 (IEC 60529)
Charger	5.0V 3A-15W	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
Navigation	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)		
Appearance		OS	Android 9/10/11/13 (Continuous Updates)
Size	320*210*12mm (L×W×H)	Package/Warranty terms/OEM	
Weight	1320g	Warranty	24 Months (12-month Battery Warranty)
Color & Material	Gray (Titanium alloy+ABS+PC+TPU)	OEM/ODM	Support
		Package	USB Cable/Charger/Introduction Manual/Screen protector/Packing box (Can be Customized Logo) /Magnetic Charging Cable/ Precautions Card/ Hand strap/ Toolkit (Option)

OPTIONAL MODULES & ACCESSORIES



Barcode Reader Optional 1D/2D



E20 Barcode Module

2D: QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, Hanxin code, Dotcode, Composite.

1D: Code 128 (ISBT 128, AIM 128, GSI 128), EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN, Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GSI DataBar, Plessey, Febraban.



2D Barcode Module Honywell N3680

2D: PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, MicroQR, Aztec, Hanxin, etc

1D: UPC, EAN, Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Codabar Interleaved 2 of 5, Mis Plessey, GSI DataBar, China Postal, Korean Postal, etc. 640 pixels (H) x 480 pixels (V) High Resolution; 6.88 mil (PDF417): 0mm-50mm;)

OPTIONAL MODULES & ACCESSORIES

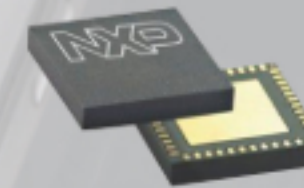


RFID Reader Optional LF HF UHF



125K LF RFID Module

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



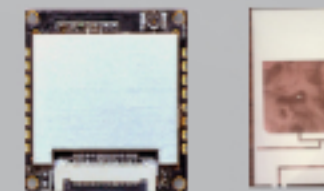
13.56M HF RFID or NFC Module

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(Option)
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)

OPTIONAL MODULES & ACCESSORIES



Fingerprint
Optional G2010



G2010 Module
Grayscale: 32768
FAP10, 508 dpi, 8 bit, 256X360.
FBI MINEX III (NIST Certification)
RoHS Certification

OPTIONAL MODULES



Extension 1



Extension 2

Extension 1	Fingerprint Module	
Extension 2	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
		HID card reader module
	HF RFID module	13.56M HF module (single protocol)
		13.56M HF module (multi-protocol)
	UHF RFID module	UHF UHF(M500 American Standard)
		UHF air antenna, (long distance 8-10 meters)
		UHF ultra high frequency (M500 European standard)
		UHF module R2000
		UHF module (M550 integrated with module antenna)
	NFC	NFC Module
		NFC antenna
	1D/2D Barcode Module	E20 scanner
		N3680 scanner
	Warmth Sensation	Temperature pressure sensor
	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)
	Industrial-grade shortdistance data communication module	Lora ZigBee
	Other customer supply modules	Nezed to meet the interface conditions : Powered by3.3V1.5A/5V-1.5A, UART Interface, interface level3.3V/5V, GPIO 1/electrical level 3.3V/5V.