

HUGEROCK T101EX

RUGGED ATEX TABLET PC

10.1 Inch ATEX Thin and Lightweight Rugged Mobile Platform

Ex-Marking: II 2G Ex ib IIB T4 Gb Certificate NO. ECM 21 ATEX-B QS09

The HUGEROCK T101EX rugged ATEX tablet PC is ideal for personnel working in explosive gas environments such as petroleum, petrochemical, mining, military, and public safety departments. Compliant with MIL-STD-810G and IP65 standards, it is durable enough to effectively protect equipment from dust, water, motion, vibration, temperature, and other factors that can quickly damage equipment. It can withstand a drop of up to 4ft and a shock pressure test of 2 tons. The T101EX can also easily integrate professional functions, including NFC Module. It also features a long-life 14600mAh intrinsically safe battery, the screen is readable in sunlight, and operates in extremely low temperatures.



1000NIT
FHD



Aluminum alloy
9MM



8GB RAM+
128GB ROM



14600mAh
intrinsically safe
battery



ATEX
Explosion Proof



ARM Cortex A73
octa-core (2.0GHz)



MIL-810G
Drop-proo 4ft



Google
GMS



Mobile Device
Management
by Safeuem



HUGEROCK-T101EX
Tools for Explosion-proof

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APPEARANCE



SPECIFICATION

T101EX

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	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	Bluetooth	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	Operating temperature	-20°C to 55°C
Gravity sensor	support	Storage Temperature	-40°C to 80°C
Magnetic Field Sensor	support	Reliability	MTBF>5000h; MTTR<0.5h
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	ATEX/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 (LxWxH)	Ex-Marking	II 2G Ex ib IIB T4 Gb
Weight	1320g	Certificate NO.	ECM 21 ATEX-B QS09
Color & Material	Gray(Titanium alloy+ABS+PC+TPU)	Package/Warranty terms	
		Warranty	24 Months (12-month Battery Warranty)
		Package	USB Cable/Charger/Introduction Manual/Screen protector/Packing box/Magnetic Charging Cable/ Precautions Card/ Hand strap

OPTIONAL MODULES

NFC

Protocol standard	ISO14443A/B, ISO15693, NFC
Label standard	M1 (S50, S70), CPU, NFC
Read-write distance	2-5cm

PRODUCT CONFIGURATION

Order Number	Module	Recommend			
					
	NFC				
05121034	●	*			



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