

HUGEROCK T70EX

RUGGED ATEX TABLET PC

7 Inch ATEX Full Rugged and Versatile Mobile Platform

Ex-Marking: II2G Ex ib IIB T4 GB

Certificate NO. ECM 21 ATEX-B TQ87

The HUGEROCK T70EX 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 IP67 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 5.5ft and a shock pressure test of 2 tons. The T70EX can easily build RFID in various frequency bands. It also features a long-life 10000mAh intrinsically safe battery, the screen is readable in sunlight, and operates in extremely low temperatures.



1000NIT
Sunlight
Readable



8GB RAM+
128GB ROM



10000mAh
Safety Battery



ATEX
Explosion Proof



ARM Cortex
A73 octa-core
(2.0GHz)



MIL-810G
Drop-proof
5.5ft



Google
GMS



Mobile Device
Management
by Safeuem



HUGEROCK-T70EX
Tools for Explosion-proof

Shenzhen SOTEN Technology Co., LTD

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APPEARANCE



SPECIFICATION

Model: T70EX

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	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	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	Operating temperature	-20°C to 55°C
Data interface	USB Type-C*1	Storage Temperature	-40°C to 80°C
Gravity Sensor	support	Reliability	MTBF>5000h; MTTR<0.5h
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	MA/EX/ATEX/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 11/13 (Continuous updates)
Navigation	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	Ex-Marking	II2G Ex ib IIB T4 GB
Appearance		Certificate NO.	ECM 21 ATEX-B TQ87
Size	200*132*21mm (LxWxH)	Package/Warranty terms	
Weight	640g	Warranty	24 months (12-month Battery Warranty)
Color & Material	Black&yellow (PC+ABS)+TPU	Package	USB cable/Charger/Introduction manual/Screen protector/Packing box/Precautions Card/ Hand strap



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FUNCTION 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 1	Recommend		
				
	NFC			
05121027	●	*		



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