

LOCOSYS

GNSS Wireless & Communication

ROCK T80

RUGGED TABLET PC

8 Inch rugged Multi-function Mobile Computer

LOCOSYS ROCK T80 rugged tablet PC, it uses 8 inch high-brightness display, with toughened touch panel, which enhances with UHF RFID, fingerprint, barcode, and various sensors as the data-collecting ways. With Titanium alloy frame, cases made by bicolor mould, it is backed by MIL-STD-810G/Method516.6/Procedure IV for durability and protection against dirt, dust, water and motion. Also it goes with a long-life 18900mAh battery, sunlight-readable, and operating under extreme low temperature. It can fully realize control of the community, Inventory, goods traceability, drug safety supervision and management of industrial processes, etc.



All-mode
Full Bands



18900mAh
Safety Battery



1.5m
Drop-proof



5M13M
Camera



RTK



- | | | |
|--|--------------------------------------|---|
| 1 Type-A (Sealed Cover) | 9 Volume Down | 17 SMA interface |
| 2 M8 aviation connector(optional) | 10 Volume Up | 18 Barcode module |
| 3 Front camera | 11 Scan button/defined button | 19 Mic |
| 4 Light sensor | 12 Defined button | 20 4pin Pogo pin(magnetic)(Optional) |
| 5 Charge lamp | 13 Speaker | 21 Main camera |
| 6 Fingerprint module(optional) | 14 Power button | 22 10PIN expansion interface |
| 7 Home button | 15 SIM/TF(Sealed Cover) | 23 SIM-card (Sealed Cover) |
| 8 Back button | 16 Type-C (Sealed Cover) | |



SPECIFICATION

Model: ROCK T80

Hardware	
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	18900mAh
Display	8 inch IPS/AFFS FHD 1920*1200 industrial 1000nit Sunlight -Readable
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen

Navigation/IO/Sensor/	
Position Accuracy	Autonomous: < 1.5m CEP RTK : 0.01m + 1ppm (Horizontal)
SIM Card	Nano sim card*2
TF Card	Micro SD card(T-FLASH card) ; max 256GB
Charging interface	Type-C & 4pin pogo pin(magnetic)
Data interface	USB Type-A(Host)*1, Type-C(OTG)*1
UART (optional)	UART TTL3.3 X2 onboard
RS232(optional)	RS232X1
RS485(optional)	RS485X1
Gravity sensor	✓
Magnetic Field Sensor	✓
Motion sensor	✓
Rotation vector sensor	✓
Acceleration sensor	✓
Gyro sensor	✓
Light-sensor	✓
Proximity sensor	✓
Temperature pressure sensor	Optional
Charger	5.0V 2A-10W

Appearance	
Size	256*159*23mm (L×W×H)
Weight	1015g

Communications & Networking

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 (2.4GHz/5Ghz) single stream 802.11 a/b/g/n/ac
BT	4.2 Low Energy (LE)

Industrial & Reliability Design

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 ; MTTR<0.5h
Operating temperature	-20°C to 55°C
Storage Temperature	-40°C to 70°C
RH	5% to 95%
Operating Altitude	Max: 4,500 m (15,000 feet)

Certification/OS/Software

Certification	3C /FCC/CE/ROHS/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 10.0 / 11.0

Package/Warranty terms/OEM

Warranty	12months
OEM/ODM	✓
Package	USB cable/Charger 5V 2A/Introduction manual/Aircraft box/Toolkit(optional)SIM Card Ejector x 1