

LOCOSYS

GNSS Wireless & Communication

ROCK T60

RUGGED PDA

5.5 inch industrial multi-function mobile handheld

LOCOSYS ROCK T60 industrial multi-function mobile handheld, tough appearance, is with 5.5" industrial-grade, 500 nits FHD display, toughened glass TP, and also aero-grade titanium alloy material frame.

It meets MIL-STD-810G/Method 516.6/Procedure I 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 7800mAh battery, sunlight-readable, and operating under extreme low temperature.



All-mode Full Bands



7800mAh Safety Battery



1.5m Drop-proof



5M13M Camera



RTK



- | | | |
|----------------------------|-----------------------------------|----------------------------|
| 1 Powerbutton | 12 Lightsensor | 23 2pin pogopin |
| 2 SOS button | 13 Deletebutton | 24 Volume up |
| 3 TypeC(Sealed Cover) | 14 Custombutton | 25 Volume down |
| 4 Earphone (SealedCover) | 15 Home button | 26 Scan button(Definition) |
| 5 RS232(Optional) | 16 Confirm button | 27 SIM (Sealed Cover) |
| 6 Barcode module(Optional) | 17 Menu button | 28 Nameplate |
| 7 SM(Optional) | 18 Fiingerprintmodule (Optional) | 29 Main camera |
| 8 Hanginghole | 19 Backbutton | 30 Flash light |
| 9 Frontcamera | 20 Arrowbutton | 31 Speaker |
| 10 Charge lamp | 21 Searchbutton | 32 Fihand strap xing parts |
| 11 Receiver | 22 MIC | |



SPECIFICATION

Model: ROCK T60

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	7800mAh
Display	5.5 inch IPS/AFFS 1080*1920 FHD industrial 500cd/m2 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
Headphone	3.5mm (CTIA)
Charging interface	Type-C+2pin pogo pin
Data interface	USB Type-C(OTG)*1
RS232(optional)	RS232X1
Gravity sensor	✓
Motion sensor	✓
Direction Sensor	✓
Magnetic Field Sensor	✓
Gyro sensor	✓
Rotation Vector	✓
Light-sensor	✓
Acceleration sensor	✓
Charger	5.0V 2A-10W

Appearance

Size	195*98*22mm (L×W×H)
Weight	460g

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)/OTG x 1/SIM Card Ejector x 1