

LOCOSYS

GNSS Wireless & Communication

ROCK T101

RUGGED TABLET PC

10.1 Inch rugged Multi-function Mobile Computer

LOCOSYS ROCK T101 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



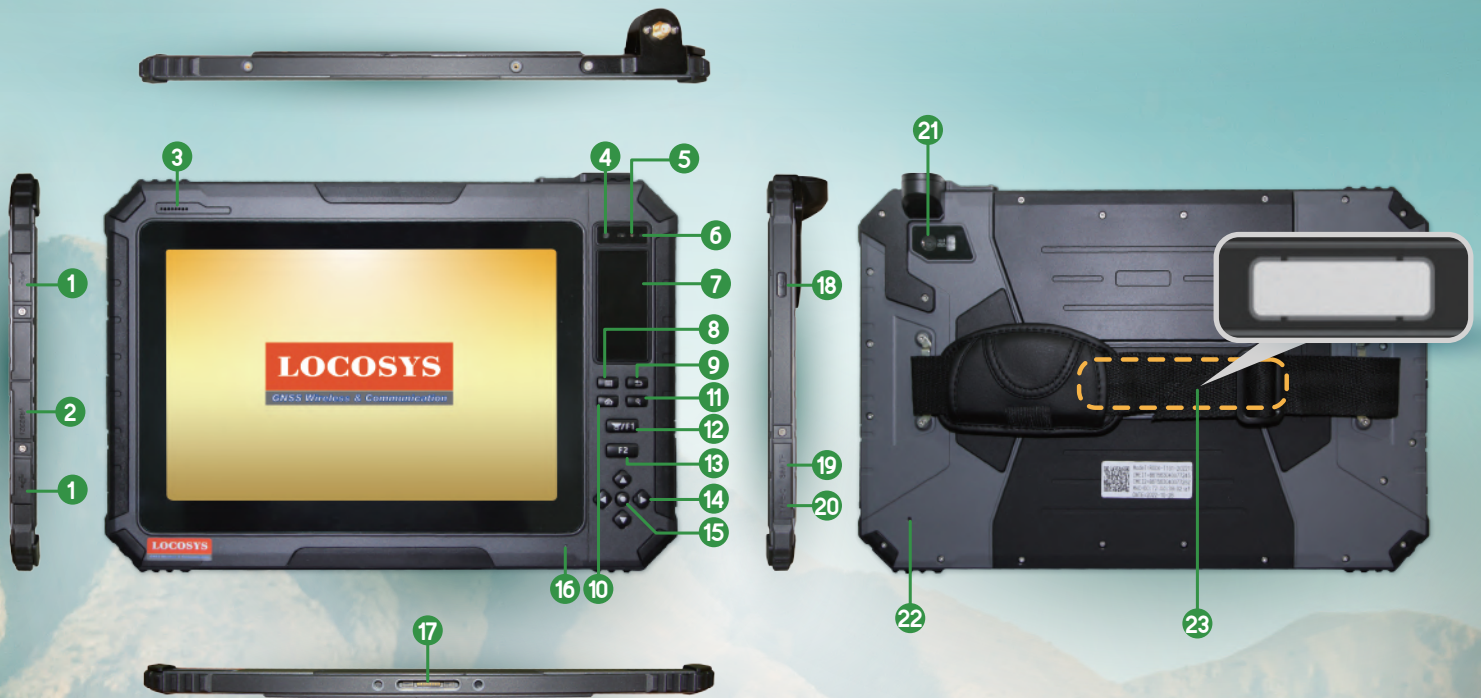
1.2m
Drop-proof



5M13M
Camera



RTK



- 1 Type-A (Sealed Cover)
- 2 RS232 (Sealed Cover)
- 3 Speaker
- 4 Sub camera
- 5 Ambient light sensor
- 6 Charge lamp
- 7 Fingerprint (optional)
- 8 Menu button
- 9 Back button
- 10 Home button
- 11 Search button
- 12 Scan button
- 13 Defined button
- 14 Direction button
- 15 Confirm button
- 16 MIC
- 17 8pin Pogo pin
- 18 Power button
- 19 TF/SIM (Sealed Cover)
- 20 Type C (Sealed Cover)
- 21 Main camera
- 22 Temperature pressure sensor (Optional)
- 23 Nameplate



SPECIFICATION

Model:ROCK T101

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	14600mAh
Display	10.1 inch IPS/AFFS 1920*1200 FHD 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 & 8pin pogo pin
Data interface	USB Type-A(Host)*2 , Type-C(OTG)*1
RS232(optional)	RS232 serial port, using 5pin micro one GPIO port
Gravity sensor	✓
Motion sensor	✓
Direction Sensor	✓
Magnetic Field Sensor	✓
Gyro sensor	✓
Rotation Vector	✓
Light-sensor	✓
Acceleration sensor	✓
Charger	5.0V 2A-10W

Appearance

Size	320*228*12mm (L×W×H)
Weight	1360g

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