

LOCOSYS

GNSS Wireless & Communication

ROCK T71

RUGGED TABLET PC

7 Inch Full Rugged Ultra-bright HD Mobile Computer

LOCOSYS ROCK T71 rugged tablet PC, tough appearance, is with 7" 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 1.5m 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 10000mAh battery, sunlight-readable, and operating under extreme low temperature.



All-mode
Full Bands



10000mAh
Safety Battery



1.5m
Drop-proof



5M13M
Camera



RTK

HYPER-TECH
Systems

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- 1 MIC
- 2 Camera Button
- 3 SOS Button
- 4 8 Pin Pogopin (Optional serial port)
- 5 Handset Jack (Sealed Cover)
- 6 SMA connector (Optional)
- 7 Light sensor
- 8 Sub Camera
- 9 Type-C (Sealed Cover)
- 10 Power Button
- 11 Reset Button
- 12 Volume Up
- 13 Volume Down
- 14 TF-card (Sealed Cover)
- 15 SIM-card (Sealed Cover)
- 16 Main Camera
- 17 Pogo pin (Optional)
- 18 Speaker



SPECIFICATION

Model: ROCK T71

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	10000mAh
Display	7 inch IPS/AFFS 1200*1920 HD 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	1.8/3.3V SIM card
TF Card	Micro SD card (T-FLASH card) ;max 256GB
Headphone	3.5mm (CTIA)
Charging interface	Type-C*1
Data interface	USB Type-C(OTG)*1
UART (optional)	UART TTL3.3 X2 onboard
RS232(optional)	RS232X1
Direction Sensor	✓
Gravity sensor	✓
Magnetic Field Sensor	✓
Motion sensor	✓
Rotation Vector	✓
Light-sensor	✓
Acceleration sensor	✓
Charger	5.0V 2A-10W

Appearance

Size	202*138*22mm (L×W×H)
Weight	700g

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)