

**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

**HYPER-TECH**  
Systems

14 Odem ST. P.O.B. 7042 Petach Tikva 4917001, ISRAEL | Office: +972-3-924-3352  
Fax: +972-3-9243385 | sales@hypertech.co.il | www.hypertech.co.il



- |                            |                                   |                            |
|----------------------------|-----------------------------------|----------------------------|
| 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
Droptproof /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