

HUGEROCK S101 Version:2021

RUGGED TABLET PC

10.1Inch rugged Multi-function Mobile Computer

Hugerock S101(2021) rugged tablet PC, tough appearance, is with 10.1" industrial-grade, 450 cd/m2 full-view display, toughened glass TP, and also aero-grade titanium alloy material frame. 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.



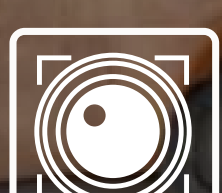
4G Full Netcom



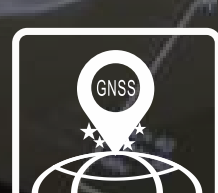
14600mAh Safety Battery



1.2m Drop-proof



5M/13M Camera



GNSS GPS+Beidou+Glonass +AGPS+SBAS



Shenzhen SOTEN Technology Co., LTD
ADD: 10F, B#2, Pivovan Research Building, No. 5158 Shahe West Road, Nanshan, Shenzhen, China 518055
Phone: +86(0755)-61885156 61827963 Fax: +86(0755)-61827963
Web: www.soten.com.cn FAE: fae@soten.com.cn Skype: sales.soten

APPEARANCE



- 1. Type-A(Sealed Cover)
- 2. Type-C(Sealed Cover)
- 3. Handset Jack(Sealed Cover)
- 4. DC-type(Sealed Cover)
- 5. RS232(Sealed Cover)
- 6. Speaker
- 7. Sub Camera
- 8. Ambient light sensor
- 9. Status indicator and charging indicator
- 10. Fingerprint(Optional)
- 11. Menu button
- 12. Back button
- 13. HOME button
- 14. Search button
- 15. defined button(Optional)
- 16. Defined button
- 17. Direction button
- 18. Confirm button
- 19. MIC
- 20. 8pin pogo pin(magnetic)
- 21. Power button
- 22. SIM (Sealed Cover)
- 23. TF(Sealed Cover)
- 24. Main camera
- 25. Temperature pressure sensor(Optional)

Order No : 101S21K



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SPECIFICATION

Model : S101(2021)

Hardware	Communications & Networking
CPU: ARM Cortex A73 octa-core (2.0GHz)	Phone Call: GSM /WCDMA/CDMA 1X/VoLTE
GPU: ARM Mali-G72 MP3	2G: GSM/CDMA 1X/EDGE/GPRS/WAP
RAM: 4G	2G Band: GSM(B2/3/5/8)
Internal Memory: 32G	3G: WCDMA 3.75G (HSDPA+42.2Mbps, HSUPA+11.5Mbps), EVDO
External Memory: Micro SD card(T-FLASH card), max 256GB	3G Band: WCDMA(B1/2/5/8),Evdo: BCO/BC1 CDMA: BCO/BC1
Main Camera: 13.0MP(AF)with flash led	4G: FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink, 50Mbps uplink
Sub Camera: 5.0MP	4G Band: TD-LTE(B38/39/40/41) ; FDD LTE(B1/2/3/4/5/7/8/12/17/20/28)
Battery: 14600mAh	WI-FI: Dual-band WIFI(2.4GHz/5GHz)single stream 802.11 a/b/g/n/ac
Display: 10.1 inch IPS/AFFS 1920*1200 FHD industrial 450nit Sunlight Readable	BT: 4.2 Low Energy(LE)
Touch Panel: Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	Industrial & Reliability Design
IO/Sensor/Navigation	Shake-proof: 1-19Hz/1.0mm; 19-200Hz/1.0g
SIM Card: 1.8/3.3V SIM card	Dropproof /IK: MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
TF Card: Micro SD card (T-FLASH card);max 256GB	Waterproof: Class 5 (IEC 60529)
Headphone: 3.5mm(CTIA)	Dustproof: Class 6 (IEC 60529)
Charging interface: Type-C & 8pin pogo pin(magnetic) & DC 5V (direct battery charging)	Reliability: MTBF>5000h; MTTTR<0.5h
Data interface: USB Type-A(Host)*2 , Type-C(OTG)*1	Operating temperature: -20°C to 55°C
RS232 (optional): Optional RS232 serial port, using 5pin micro one GPIO port	Storage Temperature: -40°C to 80°C
Gravity sensor: support	RH: 5% to 95%
Motion sensor: support	Operating Altitude: Max: 4,500m(15,000 feet)
Direction Sensor: support	Certification/OS/Software
Magnetic Field Sensor: support	Certification: 3C/FCC/CE/ROHS/IP65 (IEC 60529)
Gyro sensor: support	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
Rotation Vector: support	OS: Android 10.0 / 11.0
Light-sensor: support	Package/Warranty terms/OEM
Acceleration sensor: support	Warranty: 24 months
Charger: 5.0V 2A-10W	OEM/ODM: Support
Navigation: GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	Package: USB cable/Charger 5V 2A/Introduction manual/Screen protector/Packing box(Can be customized logo) /Aircraft box/Toolkit(optional)
Appearance	
Size: 320*228*12mm (L*W*H)	
Weight: 975g	
Color & Material: Black (ABS+PC+TPU)	



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OPTIONAL MODULES & ACCESSORIES

Fingerprint
Optional G2010

G2010 Module
G2010 Capacitive fingerprint sensor, FAP10, 500 dpi, 8 bit, 256X360 size, FBI MINEX III(NIST Certification)



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OPTIONAL MODULES

Extension 1	USB Type-A(Host)*2
Extension 2	RS232 I/O
Extension 3	Fingerprint Module: G2010 Module
NFC	NFC Module NFC antenna
Extension 4	Temperature pressure sensor
Other customer supply modules	Need to meet the interface conditions : Powered by 3.3V/1.5A/5V-1.5A, UART Interface, interface level3.3V/5V, GPIO 1/electrical level 3.3V/5V.



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Customized

LOGO

Can be the silkscreen position + the LOGO of the NFC/ fingerprint module at the top

Boot screen: widthwise
Boot screen background color: white, light color
Boot screen resolution: 1920*1200

LOGO

Without logo/ fingerprint the logo can be centered

Nameplate size:

Program 1: C: High-gloss metallic silver
M:Stainless iron (select stainless iron with charging base)
F: Laser carving craft

Nameplate size: 79.8*39.8mm

Example:



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