

# HUGEROCK W101

Version:2021

## RUGGED TABLETS

Ultral-rugged Mobile Tablets with Windows

The W101 is powered by a speedy Intel® Core™ i7 processor with a 128 GB SSD and 8 GB of DDR4 RAM, offering top-of-the-line computing capability and massive storage capacity. With its 1000nit bright, FHD 10.1-inch capacitive touchscreen made of 9H strengthened glass, the W101 comes ready to display your work, indoors and out. It has front- and rear-facing cameras, An integrated NEWLAND N1 High-quality barcode module, Has reliable recognition accuracy and barcode format compatibility. Benefit from excellent industrial design, structural design, It's IP67, IK05 and meets stringent MIL-STD-810G for protection against dust, water, vibrations, drops, extreme temperatures and varying altitudes.



Intel®  
Core™



Aluminum  
alloy



IP67



IK05



8000mAh  
Safety Battery



FHD  
1000nit



1D/2D  
scanner



Windows  
10.0



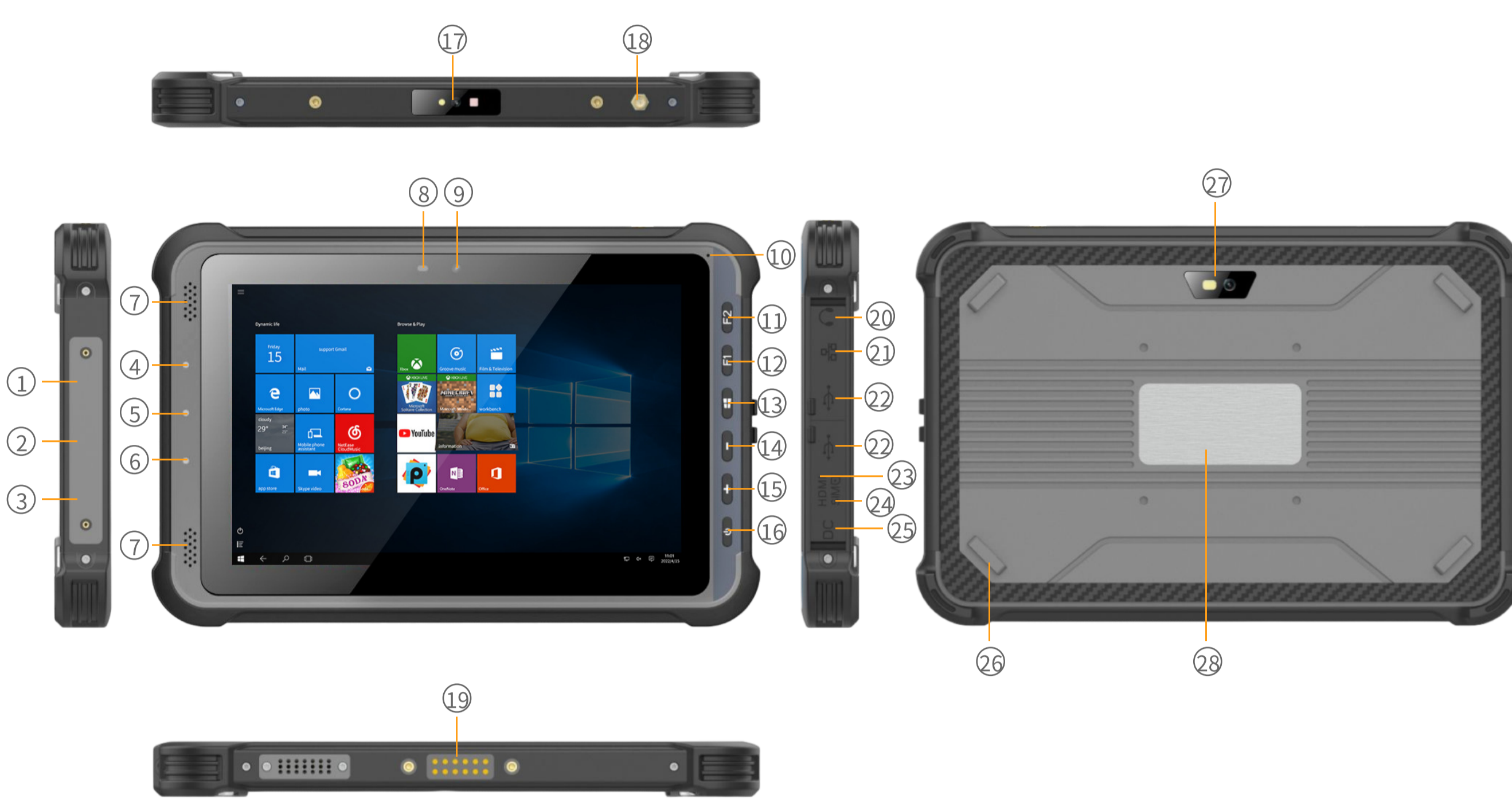
GNSS  
GPS+Glonass  
+Beidou+AGPS



HUGEROCK-WIDI  
tools for industrial

Shenzhen SOTEN Technology Co., LTD  
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## APPEARANCE



Order No. W101

1. USB(aviation plug)(Sealed Cover)\*
2. Serial port(aviation plug)(Sealed Cover)\*
3. IO(aviation plug)(Sealed Cover)\*
4. Power indicator light
5. Hard disk light
6. Charge lamp
7. Speaker
8. Light sensor
9. Sub Camera
10. MIC
11. Defined BT 2
12. Defined BT 1
13. Windows BT
14. Volume Down
15. Volume Up
16. Power BT
17. Fingerprint module
18. SMA interface
19. 12PIN magnetic suction interface
20. Handset Jack (Sealed Cover)
21. RJ45net opening (Sealed Cover)
22. USB 3.0 Type-A(Sealed Cover)
23. HDMI (Sealed Cover)
24. SIM (Sealed Cover)
25. DC (Sealed Cover)
26. Hand strap
27. Main camera
28. Nameplate

(module (\*) is optional)



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## SPECIFICATION

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Hardware		Mobile network (Optional)	
CPU	Intel® Core™ i7 2.60-3.4 GHz	2G Band	GSM 900/1800MHz
GPU	Intel® HD Graphics 520	3G Band	WCDMA: B1/B5/B8/B9 TDS B34/B39
RAM	8GB DDR4 2666MHz	4G	FDD-LTE cat 4: DL 150Mbps/UL 50Mbps TD-LTE cat 3: DL 68Mbps / UL 17Mbps
Internal Memory	SSD 128GB	4G Band	TDD-LTE B38/B39/B40/B41,LTE FDD: B1/B3/B8
Main Camera	13.0MP(AF) with flash led	<b>Wireless communications</b>	
Sub Camera	5.0MP	Wi-Fi (Built-in)	802.11 a/b/g/n 2.4GHz/5GHz
Battery	8000mAh/11.1V	BT	4.0HS
Display	10.1 inch FHD 1920*1200 1000nit	<b>Industrial &amp; Reliability Design</b>	
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
<b>IO/Sensor/Navigation</b>		Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
SIM Card	Sim card*1	Waterproof	Class 7 (IEC 60529)
Headphone	3.5mm (CTIA)	Dustproof	Class 6 (IEC 60529)
Charging interface	DC 19V/3.5A	Reliability	MTBF>5000h; MTTR<0.5h
Data interface	USB 3.0 Type-A*2	Operating temperature	-20°C to 50°C
Network interface	RJ45*1	Storage Temperature	-40°C to 70°C
RS232 (optinal)	5pin aviation plug RS232*3	RH	5% to 95%
UART (optinal)	UART TTL3.3 X2 onboard	Operating Altitude	Max: 4,500m (15,000 feet)
RS485 (optinal)	RS485*1	Esd protection	±8KV air discharge, ±4KV contact discharge
HDMI	HDMI*1	<b>Certification/OS/Software</b>	
GPIO	GPIO*4	Certification	3C /FCC/CE/ROHS/IP67 (IEC 60529)
Gravity sensor	Support	Language	Default English (Optional)
Gyro sensor	Support	OS	Linux(free), Windows7/10(Paid optional)
Navigation	GPS+Beidou+Glonas	<b>Package/Warranty terms/OEM</b>	
<b>Appearance</b>		Warranty	24 months (non-human damages)
Size	298*198*27.5mm (LxWxH)	OEM/ODM	Support
Weight	1450g	<b>Package</b>	
Color & Material	Gray(Aluminum alloy)	Adapter 19V 3.5A X1, User manual X1, Screen protection film (paste) X1, Tianyi Box (neutral customizable LOGO) X1, Aircraft box X1	



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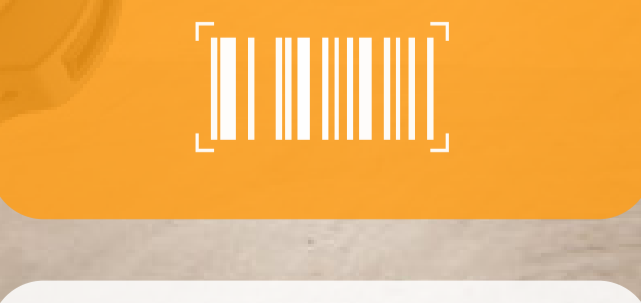
## OPTIONAL MODULES & ACCESSORIES



Navigation  
GPS+Beidou+Glonas



Mobile network



Barcode Reader  
Optional 2D



2D Barcode Module N1  
N12D PDF417, QR Code, Micro QR, Data Matrix 1D Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, AIM128, Plessey, MSI-Plessey640\*480 CMOS EAN13 (13mil) 65-350mm, PDF417 (6.7mil) 50-125mm, Code39 (5mil) 40-150mm, Data Matrix (10mil) 45-120mm, QR Code (15mil) 30-170mm



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