SPECIFICATIONS

	N80	N80T
Parameters		
OS	Android 12	
CPU	Qualcomm 8-core	
RAM	6 GB	
ROM	128 GB	
Storage extension	Supports TF card	
GNSS		
Channels	72	184
Satellites	GPS+GLONASS+GALILEO	GPS L1C/A, L1C, L2C
		GLONASS L1, L2
		GALILEO E1, E5A, E5B
		BD B1I, B2I, B3I, B1C, B2A
		QZSS L1C/A, L2C
		SBAS L1C/A
Autonomouse	5m-2m	1.5m
Single baseline RTK	-	1cm+1ppm
External GNSS antenna	-	Supports
Communication		
Cellular	GSM:850/900/1800/1900 CDMA: BC0 EVDO: BC0 WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39 TDDLTE: B38/B39/B40/B41 FDDLTE: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28	
SIM slot	Dual nano SIM card slots	
Wi-Fi	802.11 a/b/g/n/ac, 2.4GHz/5GHz	
Bluetooth	Bluetooth v4.2	
NFC	Supports	
USB	Type-C, supports OTG	
Hardwares		
Display	8-inch, 500 nits, 1280×800 (1920×1200 optional)	
Rear camera	16.4MP	
Flash light	Supports	
Front camera	8MP	
Sensor	Microphone, Speaker, G-Sensor, Gyroscope, Light Sensor,	
	e-compass, Acceleration, Proximity Sensor, Rotation Vector	
Electric		
Battery	9000mAh Li-ion	
Battery life	15 hours	
Physical		
Size	245mm×152mm×18mm	
Weight	650g	750g
Buttons	volume -, volume +, menu, home, back, A1, A2, Power	
Environmental		
Operation	-20℃~ 60℃	
Storage	-30℃~ 70℃	
Waterproof/ Dustproof	IP67	
Drop	1.2m, MIL-STD-810G certification	
Humidity	5%-95% no condensation	

SOUTH SURVEYING & MAPPING TECHNOLOGY CO., LTD.
Add: South Geo-information Industrial Park, No. 39 Si Cheng Road, Tian He IBD, Guangzhou 510663, China
Tel: +86-20-23380888 Fax: +86-20-23380800
E-mail: mail@southsurvey.com export@southsurvey.com impexp@southsurvey.com gnss@southsurvey.com
http://www.southinstrument.com

SOUTH
Target your success

N80/N80T

— Industrial Rugged Tablet —

High-precision Android IP67 Touchscreen HD camera Dual-SIM Bluetooth Wireless NFC G-Sensor E-Compass

N80/N80T

— Industrial Rugged Tablet

Key Features

N80/N80T, an industrial GNSS tablet, integrated with high precision GNSS board, high sensitive antenna, 4G network modem, WiFi and dual mode Bluetooth modem, is the leading portable high precision tablet in the field of large-size screen mapping.

Nowadays Internet penetrates every corner of modern industry, setting off an unprecedented reconstruction and transformation of surveys. In this burgeoning era, data sharing is an inevitable trend where N80/N80T simply meets the needs of mapping and GIS industry with its high-speed communication modem.

High-configurations

Android 12
8-core CPU
6GB RAM
128GB ROM

Large size display

8-inch touch screen
1280*800 resolution
(1920*1200 optional)

High-speed transmission

An advanced USB Type C interface supports charging and data transfering

Precise positioning

Integrated with reliable GNSS module and highly sensitive antenna.

HD camera

8 MP AF front camera,
16.4MP AF rear camera,flashlight

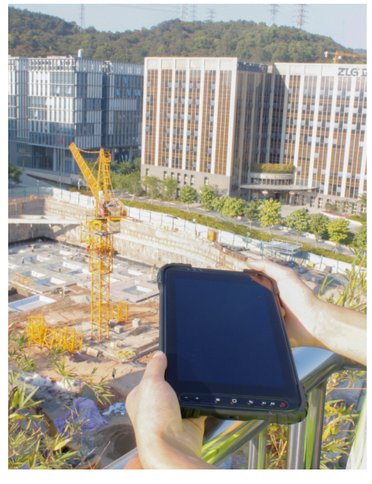
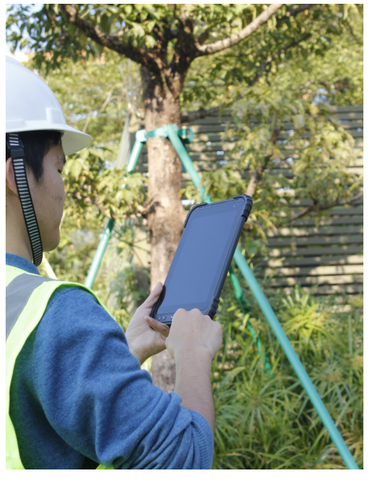
Extended functions

Supports NFC

Ultra-long life battery

removable Li-ion Battery,
9000mAh capacity,
up-to 15 hours

Application fields

Land & Agriculture: Land use change survey, Illegal land use monitoring, Geographic monitoring, Land approval survey Electricity industry: GIS data collection, Wire line safety inspection, Electrical equipments maintenance, Pylon position site survey and design.

Fuel Gas Industry: Gas pipe network data collection, Pipe network safety inspection, Key equipment positioning
Transportation field: Intelligent Transportation System establish, Intelligent Transportation travel guidance.