

N80/N80T

— Industrial Rugged Tablet

Key Features

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

In the form of the ubiquitous, internet is penetrating and fusion in all corners fo surveying technology, and setting off an unprecedented reconstruction and transformation. In the rapidly development information age, data sharing is an inevitable trend, N80 can meet the needs of mapping and GIS industry with the high speed communication modem.



High-configurations

Android 10
8-core 2.2GHz CPU
4GB RAM
64GB 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 transferring



Precise positioning

Integrated with reliable GNSS module and highly sensitive antenna.



HD camera

8 MP AF front camera,
16MP 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.



SPECIFICATIONS



	N80	N80T	
Parameters			
OS	Android 10		
CPU	Qualcomm 8953 (8-core 2.2 GHz)		
RAM	4 GB		
ROM	64 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	
Autonomous	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		
	Dual nano SIM card slots		
	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	16MP		
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°C~ 60°C		
Storage	-30°C~ 70°C		
Waterproof/ Dustproof	IP67		
Drop	1.2m		
Humidity	5%-95% no condensation		

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

SOUTH
Target your success

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