



SPECIFICATIONS

		
Model	N80	N80T
OS	Android 12	
CPU	2 GHz 8-core processor	
RAM	6GB (8GB optional)	
ROM	128GB (256GB optional)	
TF card	supports	
Rear camera	16 MP	
Front camera	8 MP	
Screen	8-inch capacitive multi-touch screen, 700 Cd/m², Corning Gorilla, Sun Readable 1280*800 (1920*1200 optional)	
WiFi	802.11 a/b/g/n/ac, 2.4GHz/5GHz	
Cellular	GSM:850/900/1800/1900 EVDO: BC0 WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39 TDDLTE: Band38/Band39/Band40/Band41 FDDLTE: Band1/Band2/Band3/band4/band5/Band7/band8/band17/band20/band28 5G: N41/N78/N79"	
SIM card	two nona SIM card slots	
BT	BT5.1	
NFC	supports	
GNSS channel	72 channels	1408 channels
GNSS signal	GPS L1 GLONASS L1 GALILEO E1 BD B1	GPS L1C/A/L1C/L2P(Y)/L2C/L5 BDS B1I/B2I/B3I/B1C/B2a/B2b GLONASS G1/G2/G3 Galileo E1/E5a/E5b/E6 QZSS L1C/A/L1C/L2C/L5 NavIC L5 SBAS L1C/A Single Point Positioning (RMS): Horizontal: 1.5 m Vertical: 2.5 m DGPS (RMS): Horizontal: 0.4 m Vertical: 0.8 m RTK (RMS): Horizontal: 0.8 cm + 1 ppm Vertical: 1.5 cm + 1 ppm
Sensor	Ambient light sensor, Digital compass, Gyroscope sensor, Gravity sensor	
USB	USB-C supports OTG, type-C, charge and data transfer	
Button	volume +/-, menue, home, back, F1, F2, Power	
Battery	9000mAh, 3.8V, Li-ion battery, 15h.	
	charging time 3 to 4 hours.	
	minimum duration of 15 hours	
Quick-charge	QC3.0	
Free fall resistance	1.2m, MIL-STD-810G	
IP	IP67	
Operation temperature	-20℃~60℃	
Storage temperature	-40℃~70℃	
Humidity resistance	95% without condensation	
Size	243.3*153.5*18mm	343.3*153.5*32.5m
Weight	550g	600g



N80/N80T  
GNSS RTK RUGGED TABLET



High-precision



Android



IP67



Touchscreen



HD camera



Dual-SIM



Bluetooth



Wireless



NFC



G-Sensor



E-Compass



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

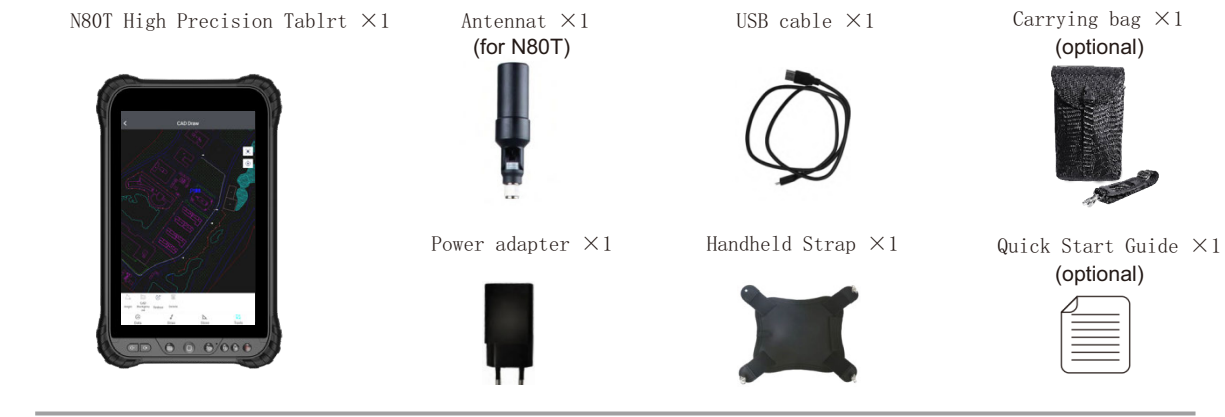


# N80 / N80T

ruggedized to withstand harsh environments

## Key Features

The N80/N80T stands out as an industrial GNSS tablet, featuring an integrated high-precision GNSS board, a highly sensitive antenna, a 5G network modem, WiFi connectivity, and Bluetooth modem. Renowned as the premier portable high-precision tablet, it excels in large-size screen mapping applications. In the current landscape, the Internet permeates every facet of modern industry, catalyzing an unparalleled overhaul and reconfiguration of survey practices. In this era of rapid growth, the imperative of data sharing is unmistakable, and the N80/N80T aptly aligns with the demands of the mapping and GIS industry, thanks to its high-speed communication modem.



## Application fields



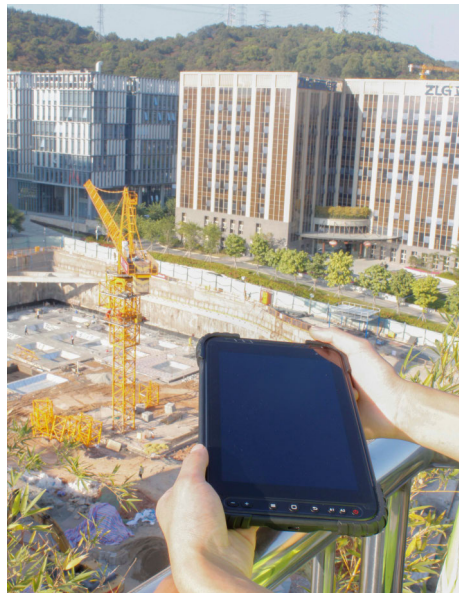
**Electricity industry**  
Collecting wireline infrastructure GIS data.  
Maintenance on electrical equipment.  
Designing electrical tower sites.



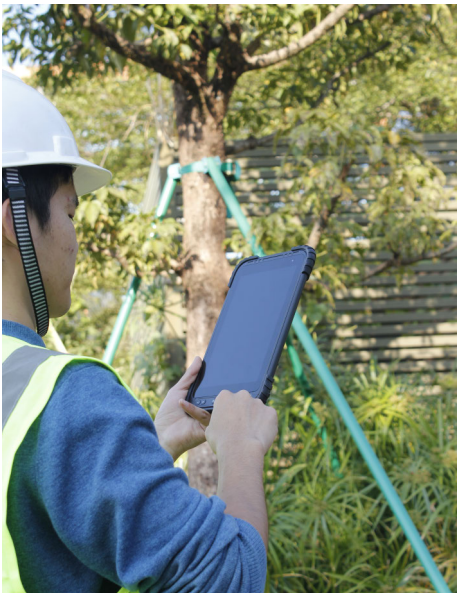
**Fuel Gas Industry**  
Collecting data on gas pipe networks.  
Inspections for gas pipe networks.  
Gas infrastructure positioning.



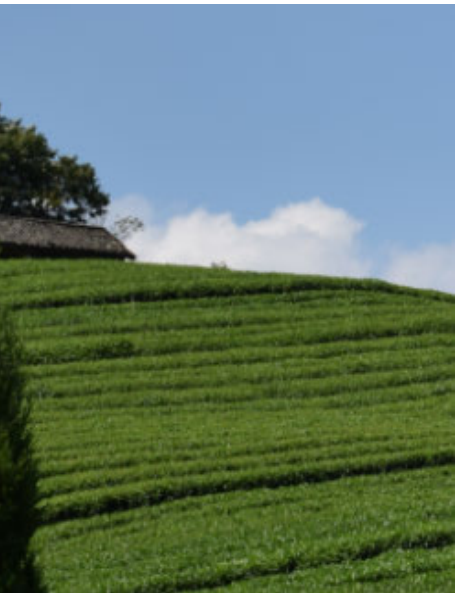
**Transportation field**  
Patrolling highways.  
Intelligent Transportation System.  
Transportation travel guidance.



**Construction**  
Public architecture designing.  
Creating constructible models.



**Land survey**  
Land environment protection surveying.  
Land approval surveying.



**Agriculture**  
Accurate fields mapping.  
Creating precise boundaries.  
Planning the placement of crops.