

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/m ² , 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 | type-C, charge and data transfer | |
| Button | volume +/-, menu, home, back, F1, F2, Power | |
| Battery | 8000mAh, 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°C~60°C | |
| Storage temperature | -40°C~70°C | |
| Humidity resistance | 95% without condensation | |
| Size | 243.3*153.5*18mm | 343.3*153.5*32.5m |
| Weight | 630g | 670g |

SOUTH
Target your success

N80/N80T

GNSS RTK RUGGED TABLET



High-precision



Android



IP67



Touchscreen



HD camera



Dual-SIM



Bluetooth



Wireless



NFC



G-Sensor



E-Compass

SOUTH
Target your success

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

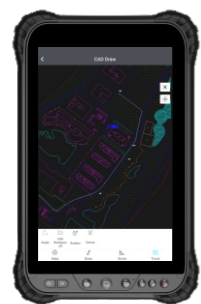
ruggedized to withstand harsh environments

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.



N80T High Precision Tablet ×1



Antennat ×1 (for N80T)



Power adapter ×1



USB cable ×1



Handheld Strap ×1



Carrying bag ×1 (optional)



Quick Start Guide ×1 (optional)



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.



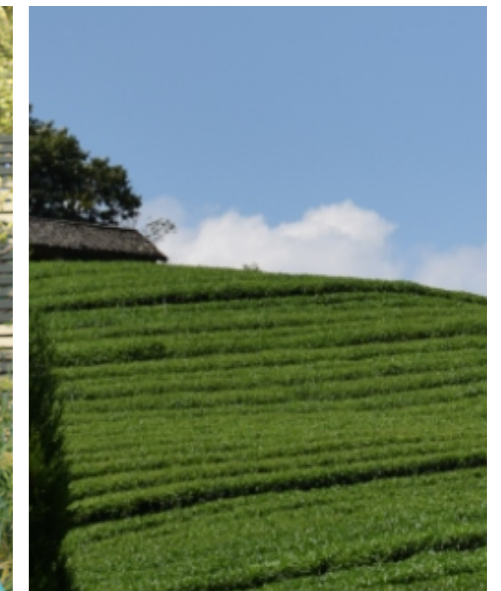
Transportation field
Patrolling highways.
Intelligent Transportation System.
Transportation travel guidance.



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.