



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	type-C, charge and data transfer			
Button	volume +/-, menue, 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	



N80/N80T
GNSS RTK RUGGED TABLET



High-precision



Android



IP67



Touchscreen



HD camera



Dual-SIM



Bluetooth



Wireless



NFC



G-Sensor



E-Compass



7F, Sicheng Road, Guangzhou 510663, China



www.ruide.xyz



export@ruideinstrument.com



ruideinstrument



RUIDEPositioning

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.

- | | | | |
|-------------------------------|---------------------------|-------------------|------------------------------------|
| N80T High Precision Tablet ×1 | Antennat ×1
(for N80T) | USB cable ×1 | Carrying bag ×1
(optional) |
| | | | |
| | Power adapter ×1 | Handheld Strap ×1 | Quick Start Guide ×1
(optional) |
| | | | |