SPECIFICATIONS

		N80		N80T
System	Operating System	Android 6.0	Android 8.1	Android 8.1
	CPU	Octa-Core 1.5GHz	Octa-Core 2.0GHz	Octa-Core 2.0GHz
	RAM	3GB	6GB	6GB
	ROM	64G	128G	128G
	Storage	Up to 128G extensible		
GNSS	Single positioning	3m		
	SBAS	1-3m		
	DGNSS	1m (CEP)		0.5m(CEP)
	Network RTK	/		Down to 5cm+1ppm
	Satellite	GPS L1, GLONASS L1, BDS B1		GPS L1 L2, GLONASS L1 L2, Galileo E1 E5, BDS B1 B2
	Differential format	RTD		RTCM32, RTCM30
Communication	GSM modem	TD-LTE/FDD-LTE 4G network modem, downward compatible with WCDMA/TD-SCDMA 3G and GSM/EVDO 2G network		
	Bluetooth	Bluetoothv2.1+EDR/V3.0+HS/V4.1		
	WIFI	Wi-Fi IEEE802.11 a/b/g/n 2.4G/5G		
	USB	USB-TypeC、supports OTG		
	Camera	13 megapixel AF rear camera, flashlight, 5 megapixel front camera		
Multimedia	Display	8 inch 800*1280 TFT		
	Card slot	SIM slot x2 TF slot x1		
	Sensors	Gravity sensor, light sensor, electronic compass, atmospheric pressure sensor		Gravity sensor, light sensor, electronic compass, atmospheric pressure sensor, gyro sensor, gravity 3 axis acceleration sensor,
	Others	Integrated speakers and microphone		
	Extensions	Support NFC, customize bar code and infrared scanning		
Electrical	Battery	3.8V 8200mAh Removable		
	Battery life	>10h typically		
Environment	Waterproof/ Dustproof	IP67		
	Shockproof	Withstand drop from 1.2m to concrete		
	Work temp	-20℃ — +60℃		
	Storage temp	-40℃ — +80℃		
Physical	Dimension	258*147*15mm		
	Weight	520g		

KOLIDA
Professional's Choice

N80 series

— Industrial Rugged Tablet —

GNSS | Android | IP67 | Touchscreen | HD camera | Dual-SIM | Bluetooth | Wireless | NFC | G-Sensor | E-Compass

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Professional's Choice

N80 series

Key Features

N80 is an industrial level rugged GNSS data collection terminal. With the integrated high precision GNSS module, antenna, 4G network module, wifi and bluetooth, large screen, mapping software, N80 is an ideal kit to work in all kind of works such as surveying and mapping, engineering, GIS data collection, etc.

Precise positioning
Thanks to the in-built high precision GNSS chip, the positioning accuracy of N80T can reach centimeter level

High-configurations
Android 6.0, up to Android 8.1
Octa-core 2.0GHz CPU
6GB RAM
128GB ROM

Extended functions
NFC, barcode scanning

High-speed transmission
Advanced USB type C interface, make sure the efficiency of data transmission

4G network
TD-LTE/FDD-LTE 4G network communication modem, ensures unobstructed data interaction

HD camera
5 megapixel front camera and 13 megapixel HD AF rear camera, with flashlight

Large size display
8 inch HD screen with 1280*800 resolution, ensures your sight clearly on each point.

Ultra-long life battery
The removable Li-ion battery with 8200mAh capacity can last over 10 hours continuously.

Application Fields

Land & Agriculture: land survey, land resource management, geographic monitoring, cadastral survey.
Electric: GIS data collection, power line inspection, power facilities designing and surveying.
Oil & Gas: pipe network data collection, safety inspection, precision positioning.
Transportation: vehicle management, traffic guidance.

Ways of Working

Work N80 as a data controller with GNSS RTK, runs Egstar, Field Genius, or SurvX.

Work N80T as a network rover with external antenna + pole + bracket (optional).

Work N80T as a handheld GIS data collector