

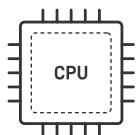


D10

Large screen, High accuracy

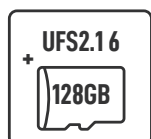
D10

The D10 features a 10.1-inch display that offers clear visibility for viewing apps, CAD drawings, and GIS data maps even in bright lighting conditions. It can be used flexibly with a high-precision positioning module or mounting pole. Built to handle tough outdoor conditions with waterproof, dustproof, and shockproof protection, this tablet is ideal for fieldwork, construction, or mapping projects.



High-Speed Data Processing

Offer the Android 12 OS that runs on a brand new Qualcomm Snapdragon 8-core CPU, giving you faster data computation and processing without response lag.



Worry-Free Storage

Adopt UFS 2.1 6 and 128GB ROM for large storage, ensuring smooth storing operations for all your needs.



Broader Screen Vision

Feature an ultra-high-definition 600nits IPS display for outdoor use, helping you see more clearly at a glance even in direct sunlight.



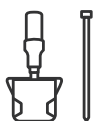
Large-Capacity Battery

Adopt a 9000mAh polymer battery for harsh working environments, achieving continuous operation even in low temperatures of -20°C.



Drop-Proof Design

Boast IP68 protection rating that can withstand drops from a height of 1.2 meters to the ground, allowing you to use it with confidence in harsh and demanding environments.



Expandable Versatility

Support RTK backpack module and survey pole mounting, catering to a wider range of surveying and mapping applications.



ACCESSORY

Positioning Backpack Clip



Plug and Play

Support the RTK backpack module and achieve centimeter-level positioning accuracy in a plug-and-play manner.

Modular Design

Offer open interfaces for more integrations to satisfy free development needs.

Parameters Descriptions Notes

Product Name	RTK Back Clip
Model	G10
Dimensions	70 mm × 69 mm × 13 mm (2.7 in × 2.7 in × 0.5 in)
Shell Material	ABS+PC
Compatible Devices	For use with D10 Rugged Tablet
Application Areas	Surveying, Precision Agriculture

Accuracy Specifications

Time Accuracy(RMS)	20ns
Velocity Accuracy (RMS)	0.03 m/s
RTK	2 cm HRMS
Single point Positioning (RMS)	$H \leq 1.5\text{ m}$, $V \leq 3\text{ m}$ (I_a , PDOP ≤ 4)

Interface Information

Antenna Interface	SMA
Accessories	Four-arm helical antenna

GNSS Configuration

Channels	1408
Frequency	BDS B1I/B2I/B3I/B1IC/B2a/B2b* GPS L1 C/A/L2P(Y)/L2C/L5 Galileo E1/E5a/E5b, GLONASS L1/L2 QZSS L1/L2/L5, IRNSS L5 SBAS L1C/A
First Fix Time (TTFF)	Cold Start < 30 s
Cold Start	< 12 s
Initialization Time	< 5 s (typical)
Initialization Reliability	> 99.9 %
Differential Data	RTCM v3.3/3.2/3.1/3.0
Data Format	NMEA-0183, Unicore
Locate the data update rate	< 20 s

Environmental Ratings

Waterproof Rating	IPX6
Operating Temperature	-20°C — +65°C
Storage Temperature	-30°C — +70°C



Bracket

Dimensions	350 mm × 230 mm × 125 mm (13.7 in × 9.0 in × 4.9 in)
Weight	600 g (21.1 oz)
Shell Material	Metal+PC

INDUSTRY APPLICATIONS



Building Surveying



Pipeline Surveying



Forestry Surveying



GIS Data Collection



Road

QUICK SPECS

System

Operating System	Android 12.0
CPU	8 core 2.0 GHz
RAM	6 GB
Flash Memory	128 GB
Memory Card	MicroSDHC up to 128 GB

Communications

SIM Card Type	Nano-SIM
Network Modem	GSM: 850/900/1800/1900 WCDMA: B1/B2/B4/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12 /B13/B17/B20/B25/B26/B28
Wi-Fi	Wi-Fi, IEEE 802.11a/b/g/n/ac
Bluetooth®	Bluetooth5.0
USB	Type-C, OTG, USB-A*1, OTG
NFC	Support

Sensors

G-sensor	
E-compass	
Gyroscope	

Electrical

Li-ion Battery Capacity	9900 mAh
Operating Time	6 h
Charging Time	4 h (typical)

Display

Size	10.1"
Resolution	1920 x 1200
Brightness	600 cd/m²
Touch	Capacitive multi touch, supporting 5-point touch

Location

Location	Qualcomm GPS/A-GPS, GLONASS, BDS, Galileo
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Camera

Front Camera	8 million pixels
Rear Camera	16 million pixels

Physical

Size	268 mm × 174 mm × 14.2 mm (10.5 in × 6.8 in × 0.5 in)
Weight	880 g (31.04 oz)
Environment	Operating: -20°C to +60 °C (-4 °F to +140 °F) Storage: -30°C to +70°C (-22 °F to +158 °F)
Dust And Water Proof	IP68
Humidity	5% – 95% (non-condensing)
Shock And Vibration	1.2 m (3.9 ft) fall on concrete

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