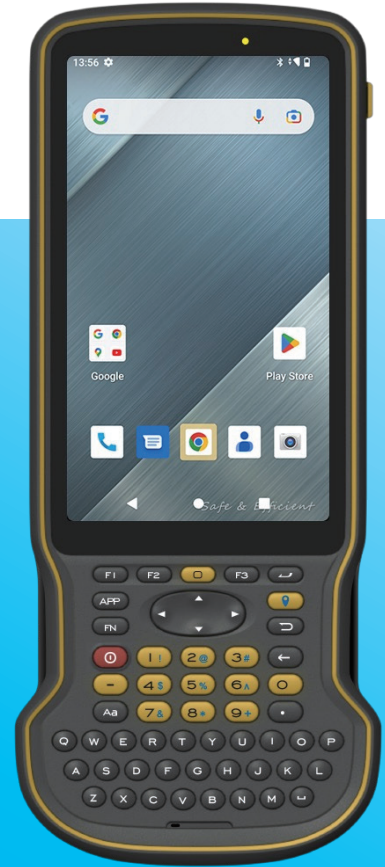




H1

Rugged Data Controller

H1 is a brand-new Android 12 data collector featuring the latest industrial-grade processor from Qualcomm. With its slim form factor and a standard English keyboard, it's specifically designed for field measurements and mapping operations. The 5.5-inch 500nit display utilizes Gorilla Glass, enhancing durability while offering exceptional sunlight readability. H1 provides various connectivity options, including Bluetooth 5.0, dual-band 2.4G and 5G Wi-Fi, and a 4G modem supporting global networks, ensuring seamless and reliable connectivity with your preferred GNSS receivers and RTK network correction sources. The built-in 9000mAh battery provides long-lasting performance. Designed for extreme durability, it can withstand drops from heights of up to 1.5 meters and complies with stringent IP68 standards. H1 excels in challenging environments, making data collection tasks easier and more efficient.



- **High-Performance Processing & Smooth Drawing**

- Equipped with the Qualcomm 662 processor (11nm process), delivering strong performance for smooth CAD drawing management and base map display, greatly improving work efficiency.

- **Stable & Fast Network and Data Transfer**

- Supports dual-band Wi-Fi and 4G networks for stable and reliable connectivity; features a physical USB 3.0 interface for faster data transfer, enabling quick uploads of large project files.

- **Industrial-Grade Outdoor-Readable Display**

- 5.5-inch 1080P industrial display with 500 nits brightness ensures clear visibility even under sunlight, enhancing outdoor data collection readability.

- **Lightweight and Long-Lasting Battery Life**

- Adopts a slim and lightweight design, weighing only 420g, yet equipped with a high-capacity 9000mAh battery to ensure long, uninterrupted data collection tasks.

- **Rugged and Durable Protection**

- Features a scratch-resistant Corning glass screen and IP68 waterproof rating, providing reliable protection for the data terminal in harsh environments.

- **Optimized Keyboard and Efficient Operation**

- The brand-new British-style keyboard is optimized to maintain user typing habits while improving data input efficiency; multiple shortcut buttons are reserved without increasing the device's size, enabling quick execution of various industry application operations.

H1

— System

Operating system	Android 12 GMS support
CPU	Qualcomm SDM 662 octa-core 2.0 GHz
RAM	4 GB SDRAM
Flash memory	64 GB
Memory card	MicroSDHC up to 128 GB

— Physical

Size	228 mm × 96 mm × 21 mm
Weight	420 g (14.42 oz) with battery
Operating Temperature	-20°C to +65 °C (-4°F to +149°F)
Storage Temperature	-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 (4 ft) fall on concrete
Display	5.5" IPS LTPS LCD capacitive multi-touch 1920 × 1080 pixels HD+ 401 ppi Brightness 500 nit
Keypad	QWERT KEY

— Communication

SIM Card Type	Nano-SIM card
Wi-Fi	802.11 a/b/g/n/ac access point mode (2.4 G / 5G)
Bluetooth	V 5.0
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
USB	Type C, OTG supported
NFC	Support

— Electrical

Li-ion battery capacity	9000 mAh
Operating time	22 h
Charging time	4 h (typical)

— Sensors and Multimedia

13 MP rear camera with auto-focus and flash	E-compass
GNSS (BDS, GPS, GLONASS) A-GPS	Light sensor
G-sensor	Speaker
Gyroscope	Microphone

— Standard Accessories

A/C charger	USB cable
Stylus	Handstrap