



LATNET
TECHNOLOGIES LTD

CHCNAV Data Collector Comparison Chart



	LT800	HCE600	LT800H RTK	LT60H
Operating system	Android 12.0 GMS	Android 10	Android 12.0 GMS	Android 12.0 GMS
CPU	Advanced octa-core CPU 2.0GHz	Helio MTK 6762 octa-core 2.0 Ghz	Advanced octa-core CPU 2.0 Ghz	Advanced octa-core CPU 2.0GHz
RAM	6 GB	3 GB	6 GB	4 GB
ROM	128 GB	32 GB	128 GB	64 GB
Extension	Micro SD, up to 256 GB	Micro SDHC, up to 128 GB	Micro SD, up to 256 GB	Micro SD, up to 128 GB
GNSS Channels	45	45	1408	1408
Constellations	GPS, BEIDOU, GLONASS, A-GPS Support	GPS, BEIDOU, GLONASS, A-GPS Support	GPS, BEIDOU, GLONASS, GALILEO, QZSS, SBAS ⁽¹⁾	GPS, BEIDOU, GLONASS, GALILEO, QZSS, SBAS ⁽¹⁾
Autonomous	2~5 m HRMS	2~5 m HRMS	2~5 m HRMS	2~5 m HRMS
RTK	✗	✗	2 cm HRMS	2 cm HRMS
SBAS	✗	✗	< 1m HRMS	< 1m HRMS
Display size	8.1" touch screen	5.5" touch screen	8.1" touch screen	6.3" touch screen
Resolution	1920x1200	1440x720	1920x1200	2340x1080
Brightness	600 cd/m ²	500 cd/m ²	600 cd/m ²	550 cd/m ²
Touch screen	Capacitive multi-touch, 5 points	Capacitive multi-touch	Capacitive multi-touch, 5 points	Capacitive multi-touch, 5 points
Keypad	✗	Alphanumeric	✗	✗
Screen technology	IPS, Corning [®] Gorilla [®] Glass 3	IPS DragonTrail [™]	IPS, Corning [®] Gorilla [®] Glass 3	IPS, Corning [®] Gorilla [®] Glass 3
Front Camera	8 MP	✗	8 MP	8 MP
Rear Camera	16 MP	13 MP	16 MP	16 MP
Flash light	Integrated	Integrated	Integrated	Integrated
Battery	9000 mAh	6240 mAh	9000 mAh	6000 mAh
Voltage	3.8 V	3.8 V	3.8 V	3.8 V
Battery life	10 h ⁽²⁾	14 h ⁽²⁾	8 h ⁽²⁾	8 h ⁽²⁾
Charging time	4 h	4 h	4 h	4 h
Dust and water proof	IP67	IP67	IP67	IP67
Shock	1.2 m fall	1.5 m fall	1.2 m fall	1.5 m fall
Humidity	5%-95% RH	5%-95% RH	5%-95% RH	5%-95% RH
Size (L x W x H) mm	215.5 x 130 x 14.5	224 x 80 x 15.4	215.5 x 130 x 14.5	212.4 x 81.5 x 32.8
Weight	550 g	345 g	570 g	400 g
Environment	-20°C to +60°	-30°C to +60°	-20°C to +60°	-20°C to +60°
Wi-Fi	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac/d/e /h/i/k/r/v/w, access point mode (2.4 G / 5G)	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
Bluetooth [®]	Bluetooth [™] 5.1	Bluetooth [™] 5.0	Bluetooth [™] 5.1	Bluetooth [™] 5.1
USB	Type C, OTG	Type C, OTG	Type C, OTG	Type C, OTG
Network 4G modem	✓	✓	✓	✓
SIM card type	Dual nano SIM card	Nano-SIM card	Nano-SIM card	Nano-SIM card
Sensors	NFC; G-Sensor; Light Sensor; E-Compass; Gyroscope	NFC; G-Sensor; Light Sensor; E-Compass; Gyroscope	NFC; G-Sensor; Light Sensor; E-Compass; Gyroscope	NFC; G-Sensor; Light Sensor; E-Compass; Gyroscope

* All specifications and Prices are subject to change without notice

* Android[™], Google Play and other marks are trademarks of Google LLC.

* Bluetooth[®] is the trademark owned by Bluetooth SIG, Inc. *All optional parameters can't be changed after delivery.

(1) Accuracy and reliability are determined under clear unobstructed conditions, multipath, satellite geometry and atmospheric conditions. Performances assume minimum of 5 satellites, follow up of recommended general GPS practices.
(2) 25°C continuous data collection, 100% brightness.

