

New Definition of Rugged PDA

Model H6

Dual Engines Dual Cameras
Powerful Scanning Performance

The brand-new Model H6 leads the high-end trend of PDA. It not only has the high-end configuration, but also has distinctive unique skills; it is a warrior who can fight well, and it is also a sturdy and durable assistant.



7 mode 40+ frequency
Global frequency band



Change of Battery
Without Shutting down



Wi-Fi 6 Ready



2W Superlinear
Speaker

Dual Engine & Dual Camera

Model H6 is equipped with high Scan Engine ,dual-engines and dual-cameras. Both engines work at the same time and the two cameras can scan barcode at long and short focal length seperately, double speed, double efficiency, and accurately read all types of 1D/2D barcode.

Patented Battery Design

The patented design of battery replacement without shutting down, focusing on the ultimate productivity; one-button ejection battery buckle design, battery replacement is as fast as lightning; 18W QC3.0 ultra-fast flash charging, 5000mAh battery, battery-level intelligent battery management, no fear of power anxiety.

Powerful Performance

Designed for maximum productivity ,powered with Qualcomm Snapdragon octa-core 2.0GHz chip, 4+64GB memory , Android 11 OS, Model H6 is extremely fast,stable and powerful.

Enterprise-level Security OS

a security OS specially customized for enterprise-level scenarios, is fully upgraded in efficiency and experience; enterprise-level equipment cloud management platform HMS provides professional equipment management, application and monitoring, and supports privatized deployment.

Industry-leading 6-inch Advanced Display

Adopting 6-inch screen with 3D micro surface,Model H6 has a wide , clear and crisp view even in bright and backlight environment .It can work well with hand-in-gloves or wet fingers operations .

Ultra Rugged

Model H6 has IP68 Sealing and is 1.5 m drop to concrete. It performs well in a wide range of environment temperature with anti-collision ,anti-vibration and dust-proof design.

Model H6 SPECIFICATION

Physical Characteristics	
Dimensions	163(H)×77.2(W)×13(T)mm 6.4(H)×3.0(W)×0.51(T)inch
Weight	9.17 oz./260 g (Batteries required,Depends on Product Configuration)
Display	5.93 in. 2160(H)×1080(W) HD+ industrial-grade IPS display
Imager Window	Corning® Gorilla® Glass
Touch Panel	Corning® Gorilla® Glass Capacitive touch panel,Support Water&Gloves Touch Mode
Backlight	450 NITS, LED
Power	Removable&Rechargeable 3.85V 5000mAh Li-ion battery
Backup Power	5F Backup Super capacitor
Expansion Slot	Micro SD Card slot, 512GB
Expansion Ports	10 Pin Rear connection: USB 2.0 signal ,UART signal,Trigger key signal,Charging port 5V/3A 4 Pin Bottom connection: Charging port 5V/3A,Support USB communication and OTG mode
SIM Slots	2x Nano SIM, 1x e-SIM(optional)
Notifications	Audible tone; Multi-color LEDs; Vibration
Network Connections	WWAN,Wi-Fi, Ethernet cradle
Voice and Audio	Speaker, Receiver,Dual Mic,USB Type-C headset support
Keypad	On-screen keypad and enterprise keyboard
Buttons	Programmable; Scan on each side; volume up/down; power; push-to-talk (PTT)
Interface Ports	Bottom USB 2.0 OTG - host/client (Type-C)

Performance Characteristics	
CPU	Qualcomm Snapdragon 662, Octa-core, 2.0GHz
Operating System	Android 11.0 (GMS Certified)
RAM	4GB LPDDR4X
Flash	64GB eMMC 5.1

Interactive Sensor Technology	
Sensor	Proximity Sensor 、 Light Sensor 、 Accelerometer 、 Magnetometer 、 Gyroscope 、 Fingerprint Sensor (OPT)
Data Capture	
Scanning	2D Standard range omnidirectional imager
Camera	Front 5 MP fixed focus; f/2.4 aperture Rear 16 MP auto focus; f/1.85 aperture; Flash LED
NFC	High RF output power; ISO15693 、 ISO14443A/B 、 MIFARE : Mifare S50,Mifare S70,Mifare UltraLight,Mifare Pro,Mifare Desfire 、 FeliCa Supported cards
Wireless WAN	
WAN Radio Frequency	TDD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B17/B19/B20/B25/ B26/B28A/B28B/B30/B66) WCDMA(B1/B2/B4/B5/B6/B8/B9/B19) TD-SCDMA(B34/B39) CDMA 1x&EVDO: BC0 /BC1/BC6 GSM/EDGE/GPRS(850/900/1800/1900)
Data Rate	GPRS: DL / UL171.2kbps EDGE: DL / UL384 kbps CDMA1x: DL 153.6kbps/ UL 153.6kbps EVDO: DL 3.1 Mbps / UL 1.8 Mbps DC-HSPA+: DL 42Mbps / UL 5.76 Mbps LTE: DL 200 Mbps / UL 75 Mbps

GPS	
Positioning System	GPS L1 with A-GPS: Glonass; BeiDou; Galileo
Wireless LAN	
Radio	IEEE 802.11 ac/a/b/g/n/ax ready/d/e/h/i/j/k/r/v/w (2.4G/5G Dual band WIFI)
Data Rates	5 GHz: 802.11a/n/ac — up to 433 Mbps 2.4 GHz: 802.11b/g/n — up to 200 Mbps
Operating Channels	CH1-CH13,CH36-CH165
Security and Encryption	WEP,WPA/WPA2-PSK,WAPI,WAPI-PSK EAP: EAP-TLS,EAP-TTLS,PEAP-MSCHAPv2,PEAP-TLS,PEAP-GTC, PWD,SIM,AKA
Fast Roam	Supports 802.11r Fast Roam

Model H6 SPECIFICATION

User Environment	
Operating Temp.	-20°C to +60°C
Storage Temp.	-40°C to +70°C
Humidity	5% to 95% non-condensing
Sealing	IP68
Drop Specification	1.5m(Concrete Surface)
Tumble Specification	1000 round 0.5 meter tumbles (2000 times impact)
Electrostatic Discharge (ESD)	+/-15 kV air discharge, +/-8 kV direct discharge

Wireless PAN	
Bluetooth	Bluetooth 5.1 ,Bluetooth Low Energy (BLE);secondary Bluetooth BLE beacon for finding lost (powered off) devices
Communication Distance	>10m
Accessories	
Standard Accessories	Adapter Charger ×1、USB Type-C cable ×1、Rechargeable Battery ×1、 Hand Strap×1
Optional Accessories	4-Slot battery Charger、Single-Slot Charge+USB/Ethernet、5-Slot Share-Cradle Charge+Ethernet、RFID Handle、Snap on Trigger Handle、OTG Cable、Wireless Charging Back Clip、Optical Fingerprint Module

Accessories

