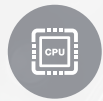# RAPTOR E6X

Enterprise Rugged Handheld

android enterprise recommended

5.7" Bezel-less display

Large 5.7" HD display has ultra sensitive touch screen, providing an exceptional user experience in sun light, in gloves or in wet conditions

Superior Performance

Android 9.0, GMS Certified.
Advanced Snapdragon 660 octa-core architecture boosts performance whilst reducing energy consumption. Ideal for demanding applications that require all day working.

Quick Charge

The E6 is always ready for work. Not only does it have a large 4300mAh battery but with onboard QC 4.0 fast charging technology, you can obtain a 50% charge in under 30 minutes.

Rugged and Durable Design

With a drop spec of 1.5M (1.8 with jacket) and IP67 water a dust proofing, Gorilla glass and impact protection shield, the E6 is as tough as it looks good.

Professional Scan Engine

The "Top of line" Enterprise level Honeywell adaptus N6703 barcode scanner means you have one of the best barcode scanner engines in the business for maximum scanning efficiency.

RFID version

Fingerprint version

Optional Accessories

Single-slot Cradle

Scan Trigger

4-slot Battery Charging Cradle

Hand Strap

Multi-Slot Cradle

SPECIFICATIONS E6X

PERFORMANCE CHARACTERISTICS

CPU	Octa-core 2.2GHz
Memory	RAM: 4GB, ROM:64GB RAM: 6GB, ROM: 128GB(Optional)
O.S.	Android 9.0

PHYSICAL CHARACTERISTICS

Display	5.7" TFT-LCD 720*1440 pixels 1080* 2160 pixels (Optional)
Touchpanel	Ultra sensitive capacitive touch panel, works with gloves and wet fingers; Corning Gorilla Glass; Multi-touch
Dimensions (L×W×H)	162.6mm× 76mm×13.6mm 6.4in× 3in× 0.53in
Weight	250g/8.8oz (include battery)
Power	Rechargeable 3.8V 4300mAh lithium polymer battery pack (Typical Operation time ≥10 hours) Support QC4.0 quick charge, charging time less than 3 hours
Micro-SD	Support DHC, SDXC (a maximum of 256GB)
SIM	2×Nano-SIM slots
Notification	LED, Speaker, Vibrator
Buttons	Scan button ×2, Power button, Volume +/- button, User definable button
Audio	Dual-microphone support with noise cancellation, high quality speaker, PTT headset support; cellular circuit switch voice

ENVIRONMENTAL

Operating Temperature	- 20°C ~ 60°C (-4°F~140°F)
Storage Temperature	- 40°C ~ 70°C (-40°F~158°F)
Humidity	5%RH ～ 95%RH(non condensing)
Drop Specification	Multiple 5 ft./1.5 m drops on concrete across full operating temperature range.
Tumble Specification	200 3.2ft/1.0 m tumbles
Thermal Shock	- 40°C ~ 70°C (-40°F~158°F) rapid transition
Sealing	IP65/IP67
Vibration	2 Hz Random PK Sine, 10cm displacement withstands multi-side 5000 vibration tests
ESD	±15kV air discharge; ±8kV direct discharge

INTERACTIVE SENSOR

Sensor	Acceleration sensor, light sensor, proximity sensor, 3-axis geomagnetic sensor，fingerprint sensor

UHF RFID

Dimension	167*91*144.5mm
Battery	8400mAh
Protocol standard	Support EPC C1G2(ISO18000-6C)
Frequency	902-928MHz OR 865-868MHz (Customizable)
Reading Distance	6-8m (Distance depend on label)

DATA CAPTURE

Scanning	1D/2D imager
Camera	Front - 5MP Rear - 16MP auto-focus color rear camera with flash
NFC	ISO 14443 Type A and B; FeliCa/Mifare and ISO 15693 cards; Reader mode, P2P mode, Card Emulation mode Apple Enhanced Contactless Polling(ECP)

WIRELESS WAN DATA AND VOICE COMMUNICATIONS

Radio Frequency Band	TD-LTE(B34/B38/B39/B40/B41), FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B28A/B28B), WCDMA(B1/B2/B4/B5/B8), TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz), CDMA 1x GSM/EDGE/GPRS(850/900/1800/1900)
GPS	Concurrent GPS; GLONASS; Gallileo; BeiDou, and A-GPS
Vo-LTE	Support Vo-LTE HD video voice call

WIRELESS LAN

Radio	IEEE802.11a/b/g/n/ac/d/e/f/h/i/k/r/v/w; IPV4, IPv6, 2X2 MU-MIMO
Data Rates	5GHz:802.11a/n/ac----up to 866.7Mbps 2.4Ghz:802.11b/g/n---- up to 300Mbps
Operating Channels	2.4G: 1-13(Depend on regulatory rules & certification agency) 5G: 36,38,40,42,44,46,48,52,56,60,64,100,104,108,112,116,120,124,128,132,136,140,149,153,157,161,165
Security and Encryption	WEP;WPA/WPA2-PSK(TKIP and AES); WAPI-PSK---EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS, PEAP-GTC, PWD, SIM, AKA
Fast Roaming	PMKID caching, 802.11r, OKC

WIRELESS PAN

Bluetooth	BT5.0 + BR/EDR + BLE

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