



# RAPTOR E5

RUGGED ANDROID ENTERPRISE HANDHELD



# INTRODUCING THE RAPTOR E5

## Innovative, affordable enterprise mobile computing

All businesses need dependable rugged mobile hand held, but they usually don't live up to their billing or they come at a price.

The E5 from Raptor, is feature packed, rugged, built for enterprise and is supported when things go wrong, but comes at one of the best price points you can imagine. Raptors are modern day mobile work tools that change the way things are done.



### Powerful

Quad core CPU, 2GB RAM, 16GB storage ROM.



### Large HD, 5.0" screen

Sunlight readable, works in the wet with gloves.



### All day working

From big 4000mAh battery.



### Ergonomic

Modern, slim and lightweight design with buttons in all the right places.



### Rugged

Water, dust and drop proof.



### Android

Clean, vanilla Android 7.1 OS built for business.



### Data capture

Top of the range Honeywell N6603 2D barcode scanner.



### Programmable

SDK means you can tailor the E5 to your own needs.



### Built for Enterprise

Designed for enterprise looking for quality.

# BUILT FOR ENTERPRISE

Do you need something that's great value but still retains all those special little features that just makes a rugged device work for you?

...well, whilst the Raptor E5 feels like a smartphone, don't be fooled. In your hand is a tool built for business and enterprise applications with all of those little features that make a difference.



## Rugged Connector

Micro USB is great for convenience, but the rugged pogo pin connector ensures durability for years.

Engage our team and create bespoke snap on components rapidly and inexpensively.



## Ergonomic Scanning

Twin dedicated barcode scanner buttons mean barcode intensive scenarios are a breeze for your workers.

Built in "scan wedge" app, means barcodes will insert into any app you run, whilst Android SDK gives your developers full barcoding control in your own app.

## Programmable Button

User defined button can be used for anything and comes with an SDK for programmability.

## Drop-in Charging

Charging cradle syncs and charges your Raptor E5 with room to charge a spare battery at the same time.



## The Perfect Screen

The E5's big 5.0", bright sunshine readable, HD screen is the perfect balance for an enterprise device.

Super sense technology means the E5's screen works in the wet and whilst wearing gloves.



# DATA CAPTURE

Don't compromise on your barcode scanner!

The Raptor E5 now only has one barcode scanner option and we chose one of the best in the business.



Honeywell's top of the range N6603 "Adaptus" 2D imager technology brings a fast, accurate and flexible, top of the line 1D and 2D barcode scanning technology.

You simply don't need anything else!



NFC RFID built right in ensures you can read NFC tags and build your mobile solution around them.

8MP AF + Flash rear camera and 2MP front facing camera. Both capture fine detail for inspection, proof of presence application, or camera based barcode scanning.



# RUGGED

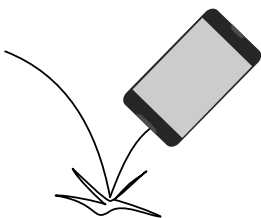


Every Raptor device is rugged and we test to MIL-STD guidelines to ensure that the E5 is every bit as rugged as it needs to be. The Raptor E5 won't let you down, even in the harshest of environments.



## Water Resistant

Built to IP65, meaning the E5 is dust tight and water resistant. Built to be used in all but the harshest environments.



## Drop Proof

Drop tested to 1.5M, meaning the Raptor E5 is built to withstand some tough treatment.



## Tumble Proof

Tested with 1000 real life tumbles to ensure the E5 will shirk off smaller every day tumbles.

# SUPPORT

Even the best technology can go wrong...

...but Raptor is here to catch you when you fall. Our suite of support services is unique, fits all kinds of business types, budgets and above all, is designed to keep your business running.

 **HELPDESK**

**SETUP** 

 **PLUS** Proactive services

 **CORE** Hardware repair

## Warranty & Repair Services

Our full suite of service products is available with the E5.

From basic hardware warranty repair services up to fully managed comprehensive support, aimed at keeping your business running and putting your devices back on their feet when they need help.

Our portal helps you manage your devices, review performance and stop issues before they happen.

# ACCESSORIES



Tether



USB lead



Earphones



12/24V charger



PSU



Desktop cradle



Handstrap



4000mah battery



Rugged holster

We constantly develop new accessories, and we also provide a bespoke accessory service.

# SPECIFICATION

## PHYSICAL CHARACTERISTICS

SIZE	152 X 78 X 15 (H, W, D).
WEIGHT	245g.
DISPLAY	5.0", 720x1280 HD ultra sensitive touch screen, works with gloves.
KEYS/BUTTONS	Power, volume up/down, 2x dedicated scanner, 1x user defined, PTT compatible.
BATTERY	4000 mAh Li-Polymer.
EXPANSION	MicroSD up to 32GB.
SIM/SAM SLOT	Micro SIM, 1x SAM slot.
AUDIO	Microphone, loudspeaker supports speaker phone, 3.5mm headphone jack.
CAMERA	Rear: 8MP, LED Flash, AF. Front: 2.0MP.
CONNECTORS	Rugged pogo connector, Micro USB v2.0.

## ENVIRONMENTAL FEATURES

OPERATING TEMP	-10 to 50 C.
STORAGE TEMP	-20 to 60 C.
DROP	1.5M MIL-STD-810G.
DUST/SAND	IP65 (dust tight).
WATER	IP65.
SHOCK	1000- tumbles, magnesium alloy internal frame.

## PERFORMANCE CHARACTERISTICS

CPU	Quad core Qualcomm snapdragon, 1.3 GHz.
OS	Android v7.1, Google Play (GMS) optional.
RAM/ROM STORAGE	2GB RAM / 16GB ROM storage.

## WIRELESS RADIO

WWAN PHONE/3G	GSM/2G: 850/900/1800/1900 MHz. 3G/UMTS: HSPA+ 850/900/1900/2100MHz. 4G/LTE: Bands 1, 2, 3, 4, 5, 7, 8, 20, 28A, 28B
WLAN	WiFi 802.11 a/b/g/n/ac with WiFi hotspot.
BLUETOOTH	BT v4.1, A2DP, BR/EDR.
GPS	A-GPS/GNSS.

## DATA CAPTURE

BARCODE SCANNER	2D Honeywell N6603	Linear UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post  2D Stacked PDF417, MicroPDF417, GS1 Composite  2D Matrix Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code  Postal Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code  OCR Option: OCR-A, OCR-B, E13B (MICR)
RFID	NXP chip, supports 13.56Mhz NFC, ISO14443A/B & ISO15693 standards.	

## OTHER FEATURES

SENSORS	G-sensor, ambient light.
NOTIFICATION	Blue, red, green LED, vibration and loudspeaker.
WARRANTY	12 months.