

# SCANPAL EDA52

## Mobile Computer



For operations executives in retail, T&L, manufacturing, healthcare and government who wish to improve efficiency but are limited by the capabilities of their current systems, EDA52 is an enterprise-class mobile computer with compatible accessories to provide reliable and secure management of corporate data and wireless communications. EDA52 offers new level HW features, easy for system upgrade and maintenance, comprehensive wireless connection, reliability & performance and fit for different applications

As the new generation PDA of Honeywell 's popular ScanPal family, EDA52 is equipped with a fast and high-performance Qualcomm® Snapdragon™ octa-core 2.0GHz processor, robust wireless connection as Bluetooth 5.0 and 4G LTE, the EDA52 mobile computer gives associates quick access to business-critical connection whenever customers need it.

To capture the barcode with precise operation, EDA52 is implemented with the new powerful S0703 scanning engine which enable EDA52 performs excellently on various applications even with the damaged barcode. Upgraded 13MP rear camera and 5MP front camera help all image capture and video communication from side to side.

New rugged housing and IP67 sealing rate, EDA52 mobile computer could be used all kinds of tough fields and most environment. 5.5" Gorilla Glass 5 full touch screen and HUE design are very comfortable for use and interaction between back-office system and customers. New 4500mAh removable battery lasts longer operation time and short the charging cycle time, which raises the efficiency a lot. More lightweight and thinner design make EDA52 easy for one hand operation, carry and pocket, comfortable for all day long.

*Android 11, 5.5-inch CGG touchscreen, 4500mAh battery, 3G/32G, 4G/64G, 6G/64G, 6G/128G optional memory, Qualcomm® Snapdragon™ octa-core 2.0GHz processor, Wi-Fi 5, Bluetooth 5.0, 4G LTE connectivity, one nano SIM plus one eSIM, IP67.*

EDA52(WWAN version) supports one nano SIM and one e-Sim at the same time, easy for switching among different carriers and application in multiple sites. NFC tags, barcode and even could be captured with single device of EDA52, working with IH25 RFID reader EDA52 will be successfully implemented to different scenarios like retail, hospital and logistics.

EDA52 is built on Android 11 OS and upgradeable for a future Android release, which eliminates the effort for maintenance and extend the support for future. And it's validated by Android Enterprise Recommended, a Google-led initiative that helps businesses confidently select, deploy, and manage the Android devices and services best suited to their enterprise needs.

EDA52 is backwards compatible with a broad range of Honeywell accessories including EDA51's single cradle, homebase charger and quad base charger. New adding universal cup, the snap on adaptor, IH25 bracket makes EDA52 could have more and more applications as display, network connection and RFID tag read etc.

## FEATURES AND BENEFITS



Powerful hardware platform based on Qualcomm SM6115 octa-core processor, 3GB/32GB, 4GB/64GB and 6GB/128GB option for huge data handling.



Big 5.5" full touch display screen and a lightweight, comfortable, pocketable design still rugged enough for tough field service environments



Multiple and fast connection by WWAN (Nano and eSim) or WLAN, Bluetooth 5.0 and NFC, GMS



Implement for long use with a removable 45,00 mAh lithium- on battery, which support for 12 hours+ reliable operation.



Easily scan barcode even damaged with Honeywell enterprise level S0703 imager, document capture with the 13MP auto- focus camera, support video call with a 5MP front camera.

**Honeywell**

# SCANPAL EDA52 Technical Specifications

## MECHANICAL

### Dimensions:

159mm x 75 mm x 14.4 mm (6.26 in x 2.95 in x 0.57 in)

**Weight:** 260 g (9.17 oz)

**Display Size:** Gorilla Glass 5, size 13.84cm (5.45 in)

**Resolution:** 1440 x 720 High Definition

**Backlight:** LED

**Touchscreen:** Multi-touch capacitive (CTP), GFF

**Hard Keys:** 5 side keys for volume up/down, right and left scan keys and power on/off

## ENVIRONMENTAL

### Operating Temperature:

-20°C to +50°C (-4°F to +122°F)

### Storage Temperature:

-30°C to +70°C (-22°F to 158°F)

**Humidity:** 5% to 90% (non-condensing)

**Drop:** Multiple 1.3 m (4.3 ft) drops to concrete at room temperature

Multiple 1.5m (5ft) drops with rubber boot concrete at room temperature

**Tumble:** 550 times at 0.5 m (1.64 ft)

**Environmental Sealing:** IP67

**Electrostatic Discharge (ESD):**

±8 kV direct; ±12 kV air

## SYSTEM ARCHITECTURE

**Processor:** Qualcomm Snapdragon SM6115, Quad high-performance Kryo cores 2.0 GHz +Quad low-power Kryo cores 1.8 GHz

**Memory:** 3 GB RAM/32 GB Flash; 4 GB RAM/64 GB Flash; 6 GB RAM/64 GB Flash; 6 GB RAM/128 GB Flash

**Operating System:** Android 11

**Storage Expansion:** MicroSD (up to 128 GB)

**Rear Camera:** 13-megapixel color camera

**Front Camera:** 5-megapixel color camera

**PC Interface:** USB 2.0 with Type-C interface

**Interface Ports:** Separate SKU 2 or 6 pin bottom connection

**Battery:** Li-Ion, 3.8 V, 4,500 mAh, removable

**Real-Time Clock (RTC):**

10 min backup via super-cap

**Charging Time:** less than 3.5 hours

**Battery Runtime:** more than 12 hours

**Scan Engine:** Honeywell S0703 Slim Imager (1D/2D barcode symbologies)

## LED

**Battery Status Indicator:** red/green/blue

**Scan Indication:** red/green/blue

**Sensors:** acceleration sensor, light sensor, and proximity sensor

**Localization & Language:** Worldwide English

## WIRELESS CONNECTIVITY

**WLAN(Wi-Fi5 certified and partial Wi-Fi6):**

IEEE 802.11 a/b/g/n/ac

**Additional WLAN Features:**

802.11 d/e/h/i/k/ r/u/w

**WLAN Security:** OPEN, WEP, WPA/WPA2

(Personal and Enterprise WPA2), WPA3 (OWE, SAE, Enterprise)

**WLAN Supported EAP:**

TLS, PEAP, TTLS, PWD, LEAP

**Bluetooth®:** Bluetooth Class 5.0

**WWAN Radio\*:**

• GSM/EDGE: Bands 2, 3, 5, 8

• UMTS/HSPA+: Bands 1, 2, 4, 5, 6, 8, 9, 19

• FDD-LTE: Bands 1, 2, 3, 4, 5, 7, 8, 9, 12,13,17,19,20,25,26,28,30,66

• TDD-LTE: Bands 38, 39, 40, 41

**NFC:** Integrated Near Field Communication

**GPS Supported Protocols:** Simultaneous receiver support for GPS, GLONASS, and BeiDou

## ACCESSORIES

**Wrist Strap**

**Hand Strap**

**Scan Handle**

**Home Base:** Charges one terminal and one replaceable battery simultaneously

**Four-Bay Battery Charger:** Charges four batteries simultaneously

**Four-Bay Terminal Charger:** Charges four terminals simultaneously

**Single Charge Cradle:** Charges one terminal battery:

**Rubber Boot:**

**Bracket for IH25:**

**EDA52 6pin Universal Cup:** for charging on universal dock

**EDA52 2pin CB Cup:** for charging on EDA51 charge base

EDA52 Snap-on adaptor for 6pin SKUs Screen Film

## ACCESSORIES (2-pin only)

**USB Communication Cable:** USB-C 2.0 (communicates to PC, supports adapter/USB charging)

**USB Wall Adapter:** 5 V/2 A

## WARRANTY

One-year factory warranty

**For a complete listing of all compliance approvals and certifications, please visit**

[www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance).

**For a complete listing of all supported barcode symbologies, please visit**

[www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

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## For more information

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