# SCANPAL™ EDA52

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## 2 PIN Healthcare Mobile Computer



*The ScanPal™ EDA52 Healthcare is an easy-to-use, sleek, pocket sized assistant that enables medical staffs to deliver the best care for their patients..*

**The Honeywell ScanPal™ EDA52 Healthcare mobile computer is an excellent solution for patients data collection, staff collaboration, supply chain management, nursing workflow management etc.**

In an environment where every second counts, the EDA52 Healthcare mobile computer is designed to make nursing and other patient care workflows faster, easier and more productive. It is equipped with the latest Qualcomm Snapdragon octa-core 2.0GHz processor and supports robust wireless connectivity through NFC, Wi-Fi 5, Bluetooth 5.1 and 4G LTE communication.

The 13-megapixel rear camera allows high-resolution image captures while the 5-megapixel front camera and a push-to-talk button enables medical staff to engage in video communication. This makes the mobile computer a great solution for mobile clinic and telehealth applications.

A 4500mAh battery ensures sufficient battery life for an uninterrupted 12-hour shift.*** On top of that, the battery is easily removable and supports quick charge 3.0 to reduce charging time.

To help support infection prevention protocols, the EDA52 Healthcare is made with a healthcare-grade housing that can be disinfected frequently over its entire lifespan.

In an environment where medical errors are a major healthcare concern, the right technology can make all the difference in patient safety. The EDA52 Healthcare incorporates the powerful Honeywell N3601 scan engine which enables accurate and fast reading even of damaged or incomplete barcodes. In addition, a LED aimer allows the scanner to accurately and quickly capture correct barcodes.

A prominent 5.5-inch Gorilla Glass touchscreen interface and ergonomic industrial design help to greatly improve user comfort and experience. The EDA52 Healthcare touchscreen can be operated with wet hands or gloves, thus providing extra convenience for the medical staffs. Its lightweight and slim design means that nurses can easily operate the device with one hand, carry it in pockets, and stay comfortable all day.

Outfitted with a rugged housing and IP67 rated sealing, the EDA52 Healthcare can operate under rough usage and demanding environmental conditions. The EDA52 Healthcare can be easily paired with Honeywell's IH25/ IH40 RFID reader. This allows users to accurately capture massive among of RFID tagged assets in very short time

The EDA52 Healthcare is built on Android 11 and can be upgraded to Android 13* to ensure long-term OS support. It is validated under AER (Android Enterprise Recommended)**, a Google-led initiative that helps organizations confidently select, deploy, and manage their Android devices and services that are best suited to their needs.

For existing Honeywell mobile computer users, the EDA52 Healthcare is backward compatible with existing Honeywell accessories by adding a simple adapter. This will further help our existing customers reduce their total cost of ownership (TCO). In addition, there is a full range of EDA52 Healthcare accessories like scan handles, rubber boot, chargers, etc. to fulfill users' requirement in various operating conditions.

## FEATURES AND BENEFITS

Powerful hardware platform based on the Qualcomm SM6115 octa-core processor, 3GB/32GB and 4GB/64GB memory options to handle different workloads.

Large 5.5-inch full touch display screen. Lightweight and pocket-fitting IP67 design that can withstand rugged usage under tough field service environments.

Multiple fast connections by WWAN (Nano and eSIM) or WLAN, Bluetooth 5.1, NFC, GMS and 4G LTE.

Easily scan barcodes, even damaged ones, with the Honeywell enterprise level N3601 imager. Document images with the 13MP auto- focus camera and make video calls with the 5MP front camera.

Desinfectant-ready housing is specifically designed to withstand frequent esposure to cleaning solutions recommended for the healthcare industry.

Honeywell

# SCANPAL EDA52 HEALTHCARE 2PIN Technical Specifications

## MECHANICAL

**Dimensions:**
159mm x 75 mm x 14.4 mm
(6.26 in x 2.95 in x 0.57 in)
**Weight:** 258g
**Display Size:** Gorilla Glass 5, 5.5-inch
**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 1.3m (4.3ft) per MIL-STD 810G drops to concrete at room temperature
Multiple 1.5m (5ft) per MIL-STD 810G 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; ±15 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
**Operating System:** Android 11, and upgradeable to Android 13*
**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:** 2 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 N3601 Imager (1D/2D barcode symbologies)

## LED

**Battery Status Indicator:**
red/green/blue
**Scan Indication:** red/green
**Sensors:** acceleration sensor, light sensor, and proximity sensor
**Localization & Language:**
Worldwide English

## WIRELESS CONNECTIVITY

**WLAN (Wi-Fi Alliance certified):**
IEEE 802.11 a/b/g/n/ac
**Additional WLAN Features:**
802.11 d/e/h/i/k/ r/u/w /v ,
1X1 MU-MIMO
**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 5.1
**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 (WWAN only) Supported Protocols:**
Simultaneous receiver support for GPS, GLONASS, and BeiDou

## ACCESSORIES

**Single Charging Home Base:**
Charges one terminal and one replaceable battery simultaneously
**Backwards Adaptor Cup:** Be compatible with EDA50/51 single charging dock
**Standard Battery Pack**
**Quad Bay Battery Charger**
**RFID Bracket**
**Scan Handle**
**Rubber Boot**
**Wrist Strap**
**Hand Strap**
**Screen Film**
**Single Charging Dock:**
Charges one terminal
**Quad Bay Charging Base:** Charges four terminals simultaneously

## WARRANTY

One-year factory warranty
For more information about Warranty, please visit
https://sps.honeywell.com/us/en/support/productivity/warranties

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

*Android 13 is pending for the confirmation from Qualcomm & Google.*

** Find the AER rugged devices, please visit https://androidenterprisepartners.withgoogle.com/*

*** Battery life depends on usage and other factors.*

**For more information**
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