

HANDHELD COMPUTERS

ScanPal EDA56 Wi-Fi6 Mobile Computer

ScanPal EDA56 WLAN is a Wi-Fi 6 mobile computer that provides higher data rates and lower latency even in highly dense connected environment. It is designed for use inside four walls in retail, manufacturing, logistics and public service applications.

Overview



Feedback

The ScanPal EDA56 is one of Honeywell’s ScanPal series mobile computers equipped with the Qualcomm Snapdragon octa-core 2.0GHz processor and robust wireless connectivity through Wi-Fi 6, NFC, and Bluetooth 5.1. Wi-Fi 6 technology built-in, the EDA56 provides a faster, better, and stronger connection to the network. Compared to Wi-Fi 5 models, EDA56 as the client devices enjoy a big increase in speed and support multiuser by OFDMA. EDA56 incorporates the all-new and powerful Honeywell S0703 scan engine, which enables fast reading of damaged or incomplete barcodes. Outfitted with a rugged housing and IP67 rated sealing, the EDA56 can operate under rough usage and demanding environmental conditions. A 4500mAh battery allows for prolonged and uninterrupted use between each charge***. The battery is also easily removable and supports quick charge 3.0. The EDA56 is built on Android 11 and can be upgraded to Android 13* minimizing maintenance issues and ensuring long-term feature support. It is validated under AER (Android Enterprise Recommended) **, a Google-led initiative that helps businesses confidently select, deploy, and manage Android devices and services best suited to their needs. A prominent 5.5-inch Gorilla Glass touch screen interface and ergonomic industrial design help to greatly improve user comfort and experience. Its lightweight and slim design means that users can easily operate the device with one hand, carry it in their pockets, and stay comfortable all day. The 13-megapixel rear camera allows users to capture high-resolution images for quality image documentation, while the 5-megapixel front camera allows users to engage in video communication. The EDA56 can be easily paired with Honeywell’s IH25/IH40 RFID readers. Users can quickly capture large volumes of RFID information in applications such as retail and warehouse inventory tracking. For existing Honeywell mobile computer users, the EDA56 can be backward-compatible with existing accessories for the ScanPal EDA52. This will further help our existing customers reduce their total cost of ownership (TCO). Serval value-added software also enhances EDA56 Wi-Fi6 models for different applications. Honeywell Operational Intelligence delivers deep operational insights, enables workflow automation that prevents issues before they happen and helps manage issues in real time to greatly reduce IT support costs. Honeywell Smart Talk provides unified communications to overcome the problem of fragmented communications and empowers teams with enterprise-grade security for voice calling, text and media messaging, and user presence – all from one device.

Specifications

FEATURES

Camera

- 13-megapixel color front camera; 5-megapixel color rear camera

Application

- retail, manufacturing, logistics, and public service

DIMENSIONS

Overall Dimensions

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

SCANNING SPECIFICATIONS

Decode Capability

- 1D/2D barcode

NETWORK

Computer Wireless Communication

- NFC: Integrated Near Field Communication

Bluetooth Specifications

- Bluetooth Class 5.1

WLAN Specifications

- (Wi-Fi certified): IEEE 802.11 a/b/g/n/ac/ax ,2*2 MU-MIMO WLAN Security: OPEN, WEP, WPA/WPA2/WPA3 (Personal and Enterprise)
WLAN Supported EAP: TLS, PEAP, TTLS, PWD, LEAP, CCX compliant

GPS Specifications

- Simultaneous receiver support for GPS, GLONASS and BeiDou (WWAN Only)

SOFTWARE & FIRMWARE

Operating System

- Android 11, upgradeable to Android 13*
- Android 13 is pending for the confirmation from Qual- comm and Google

MEMORY & DATA

Memory

- 4 GBRAM/64 GB Flash; 6 GB RAM/128 GB Flash

HARDWARE

Display Resolution

- 1440 x 720 High Definition

Scan Engine Model

- Honeywell S0703 Slim Imager

Display Size

- Gorilla Glass 5, 5.5-inch

Processor

- Qualcomm Snapdragon SM6115, Quad high-performance Kryo cores 2.0 GHz +Quadlow-power Kryo cores 1.8 GHz

ELECTRICAL

Battery Capacity

- 4,500 mAh

Battery Types

- removable

Battery Type

- Li-Ion, 3.8 V

ENVIRONMENTAL

Storage Temperature Range

- -30°C to +70°C (-22°F to 158°F)

Operating Temperature

- -20°C to +50°C (-4°F to +122°F)

Operating Humidity

- 5% to 90% (non-condensing)

Cold Storage

- -30°C to +70°C (-22°F to 158°F)

STANDARDS & APPROVALS

Tumble Specifications

- 550 times at 0.5 m (1.64 ft)

Drop Specifications

- Multiple 1.3m (4.3ft) per MIL-STD 810G drops to concrete at room temperatureMultiple 1.5m (5ft) per MIL-STD 810G drops with rubber boot concrete at room temperature

Protection Ratings

- IP67

SERVICE TERMS

Warranty Duration

- One-year factory warranty

OTHERS

Camera Position

- Rear and Front

FEATURES

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