Honeywell

HANDHELD COMPUTERS

EDA5S

The Honeywell ScanPal™ EDA5S is an enterprise-class mobile computer that provides secure connectivity between frontline workers and backend business systems. It is designed for rugged use in transportation & logistics and healthcare applications.

Overview

The ScanPal EDA5S is Honeywell's new ScanPal series mobile computer equipped with Qualcomm Snapdragon octa-core 2.0GHz processor and robust wireless connectivity through NFC, Wi-Fi 5, Bluetooth 5.1 and 4G LTE communication.
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 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 EDA5S incorporates the all-new and powerful Honeywell S0703 scan engine which enables accurate and fast reading even of damaged or incomplete barcodes.
Outfitted with a rugged housing and IP67 rated sealing, the EDA5S can operate under rough usage and demanding environmental conditions. A 3060mAh battery provides 8 hours of power without interruption.*** The battery is also easily removable and supports quick charge 3.0.
The EDA5S (WWAN version) supports one nano SIM and one eSIM simultaneously. An eSIM enables simple management of subscriptions to different mobile network carriers, thereby allowing easy switch between carriers without the need to manage multiple physical SIM cards.
The EDA5S is built on Android 11 and upgradable to Android 13*, reducing 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.**

*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.

Specifications

FEATURES

Camera

- Yes

Application

- Field Service

- Retail

- T&L

Features

- A sleek and stylish finish

- Reliable and Rugged

DIMENSIONS

Overall Dimensions

- 159mm x 75 mm x 11.2mm (6.26 in x 2.95 in x 0.44 in)

SCANNING SPECIFICATIONS

Decode Capability

- Honeywell S0703 Slim Imager (1D/2D barcode symbologies)

NETWORK

WLAN Specifications

- Additional WLAN Features: 802.11 d/e/h/i/k/ r/u/w /v, 1X1 MU-MIMO

- WLAN (Wi-Fi Alliance certified): IEEE 802.11 a/b/g/n/ac

- WLAN Security: OPEN, WEP, WPA/WPA2 (Personal and Enterprise WPA2), WPA3 (OWE, SAE, Enterprise)

- WLAN Supported EAP: TLS, PEAP, TTLS, PWD, LEAP

Computer Wireless Communication

- WLAN; WWAN; Bluethooth; NFC; GPS

Bluetooth Specifications

- Bluetooth Class 5.1

WWAN Specifications

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

- GSM/EDGE: Bands 2, 3, 5, 8

- TDD-LTE: Bands 38, 39, 40, 41

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

GPS Specifications

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

SOFTWARE & FIRMWARE

Operating System

- Android 11, and upgradeable to Android 13 (Android 13 is pending for the confirmation from Qual comm & Google).

MEMORY & DATA

Memory

- 3 GB RAM/32 GB Flash; 4 GB RAM/64 GB Flash

HARDWARE

Scan Engine Type

- Imager

Display Size

- 5.5-inch

Scan Engine Range

- 1D/2D

Processor

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

Scan Engine Model

- S0703

Display Resolution

- 1440 x 720 High Definition

ELECTRICAL

Battery Type

- Li-Ion, 3.8 V, 3,060 mAh, removable

Battery Capacity

- 3060mAh

Battery Types

- Only for EDA5S

ENVIRONMENTAL

Operating Temperature

- –10°C to +50°C (–4°F to +122°F)

Operating Humidity

- 5% to 90% (non-condensing)

Storage Temperature Range

- –20°C to +70°C (–22°F to 158°F)

Cold Storage

- –20°C to +70°C (–22°F to 158°F)

STANDARDS & APPROVALS

Drop Specifications

- Multiple 1.2m (4ft) drop to concrete per MIL–STD 810G under room temperature

Tumble Specifications

- 300 times at 0.5 m (1.64 ft)

Protection Ratings

- IP67

SERVICE TERMS

Warranty Duration

- One-year factory warranty

OTHERS

Scan Range

- Flexrange

Network

- WWAN/WLAN

Keyboard

- Touchscreen

Camera Position

- Rear and Front

Platform

- ScanPal

Durability

- 1.2m (4ft)

Operating System Type

- Android