SCANPAL™ EDA10A

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Lightweight, high-performance 5G tablet

The Honeywell ScanPal EDA10A tablet is a rugged yet lightweight solution for mobile business users who need fast, reliable mobile data access on a high-resolution, 10-inch screen. Featuring 5G cellular and Wi-Fi 6 communications, the EDA10A provides high-speed connectivity indoors and out for users in retail, logistics and field service.



The EDA10A features a high-performance octa-core processor, 5G and Wi-Fi 6 connectivity and a lightweight, yet durable frame, backed up by Honeywell accessories, service and support expected by business users

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Aimed at business users, the EDA10A comes with a full-service offering, an extensive line of accessories, and compatibility with a rich assortment of enterprise software.

The accessories include desktop and vehicle charge docks, a display dock that enables creation of a workstation with keyboard and mouse, and a large, hot-swappable battery.

The device comes equipped with Honeywell Device Client Pack (DCP) software, support for optional Honeywell Operational Intelligence asset optimization software, Honeywell Smart Talk unified communications software, and certification with 3rd-party Mobile Device Management (MDM) solutions. Extended service plans providing a 3-year extended warranty, fast depot repair services, battery replacement service and Sentinel service to maintain the Android operating system.

Equipped with a Qualcomm Snapdragon octa-core 2.2GHz processor, the EDA10A provides high-performance 5G cellular, Wi-Fi 6, NFC and Bluetooth® 5.1 communications. A big, bright 10-inch full-high-definition (FHD) display, ergonomic industrial design and assortment of carrying and handling accessories boost user comfort and experience. The large, 8,000 mAh battery enables a full shift of uninterrupted work yet can be hot-swapped with a fresh battery with ease. A high-performance barcode scan engine speeds data capture.

FEATURES AND BENEFITS

Powerful hardware platform based on the Qualcomm Snapdragon 4350-AC, octa-core processor, 4 GB/ 64 GB, 8 GB/ 128 GB memory options to handle different workloads.

Rugged and sleek EDA10A is designed to endure frequent drops and vibrations. Gorilla Glass® 5 touchscreen, 1.3 m (4.3 ft) drop per MIL-STD-810H standards, 2 m (6.6 ft) drop with protective boot, and IP65 rating against dust and water.

Embedded with latest 5G and Wi-Fi 6 connectivity, the EDA10A increase data throughput and provides a better experience for voice or video communications even in a highly dense connected environment.

Removable 8,000 mAh lithium-ion battery that can last for 12 hours or more of straight use without interruption*. Hot-swap supported.

*Battery life depends on usage and other factors.

Easily scan barcodes, even damaged ones, with the Honeywell enterprise level S0703 imager. Document images with the 16MP auto-focus camera and make video calls with the 8MP front camera.

Honeywell

Retail

Lightweight and thin, the EDA10A is easy for retail workers to carry and use all day to engage and service customers. Honeywell Smart Talk supports a variety of communications modes including Push-to-Talk to promote efficient team coordination and support. Wi-Fi 6 provides reliable, high-performance network communications for rapid retrieval of data, high-resolution product images and training videos.



EDA 10A Lightweight Tablet

Warehouse and Manufacturing

Designed to last, the EDA10A meets the MIL-STD-810H drop specification and uses Gorilla Glass 5 minimize breakage to the display screen. The rubber boot increases the drop specification up to 6.6 feet on concrete. The device complies with the MIL-STD-810H vibration specification for vehicle mounting applications.

Transportation & Logistics and Field Mobility

The EDA10A supports 5G broadband cellular voice and data communications as well as 4G LTE. Simultaneous GPS receiver support for GPS, AGPS, GLONASS, Galileo and BeiDou, dual band (L1 + L5) enables mapping and turn-by-turn directions globally.

Field Service

With the rapid development of industrialization, tablet is increasingly used in various field service industries. In a relatively complex industrial environment, EDA10A rugged design and durability can endure harsh environments for uninterrupted operation. The EDA10A's display dock plus unique desktop split-screen display mode enables the device to be used to guide production, which widely exists in automobile manufacturing and medical device production. EDA10A adopts Gorilla Glass 5 and multi-touch screen and supports glove / wet hand/ oily hand modes.

ScanPal EDA10A Tablet Technical Specifications

MECHANICAL

Dimensions: 257 mm L x166.5 mm H x 11.7 mm W (10.12 in x 6.56 in x 0.46 in)

Weight: 674g (1.49lbs)

Display Size: Gorilla Glass 5, 25.7cm (10.1 in)

Resolution: 1920 x 1200 Full High Definition, 550 nit brightness

Backlight: LED

Touchscreen: Multi-touch capacitive (CTP), GFF

Hard Keys: 5 side keys for volume up/down, right/left scanning and power on/off, 1 touch key on bottom side for scanning

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 95% (non-condensing)

Drop: Multiple 1.3 m (4.3 ft) drop to concrete per MIL-STD-810H under room temperature. With optional protective boot, Multiple 2.0 m (6.6 ft) drop to concrete per MIL-STD-810H under room temperature

Vibration: MIL-STD-810H, Method 514.6, Procedure I

Environmental Sealing: IP65

Electrostatic Discharge (ESD): ±8 kV direct; ±15 kV air

SYSTEM ARCHITECTURE

Processor: Qualcomm Snapdragon SM4350-AC, Octa-Core, up to 2.2GHz

Memory: 4 GB RAM/64 GB Flash; 8 GB RAM/128 GB Flash

Operating System: Android 12, and upgradeable to Android 14*

Storage Expansion: MicroSD (standard supports up to 2 TB)

Rear Camera: 16-megapixel color camera

Front Camera: 8-megapixel color camera

PC Interface: USB 3.0 with Type-C interface

Interface Ports: 6 PIN bottom connection

Battery: Li-Ion, 8,000 mAh, 3.85 V, removable, hot swappable

Real-Time Clock (RTC): 5 min back up vie super-cap

Charging Time: less than 5.5 hours with wall adapter (10W) and single charging dock in standby mode, 2.5 hours with QC/PD wall adapter

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

Sensors: 3-axes accelerometer, 3-axes gyroscope sensor, compass, light sensor, and proximity sensor

Localization & Language: Worldwide English

WIRELESS CONNECTIVITY

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

Additional WLAN Features: 802.11 d/e/h/i/k/r/v/w/mc, 2X2 MU-MIMO

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

WLAN Supported EAP: TLS, PEAP, TTLS, PWD, LEAP, CCX compliant

Bluetooth: Bluetooth Class 5.1/2.1 + EDR Class 2 (Bluetooth LE)

WWAN Radio (EDA10A-1 Only**):**

- **GSM:** 850,900, 1800, 1900MHz.
- **WCDMA:** B1/B2/B4/B5/B6/B8/B19
- **TDD-LTE:** B34/38/B39/B40/B41/B42/B43
- **FDD-LTE:** B1/B2/B3/B4/B5/B7/ B8/B12/B13/B17/B19/B20/B25/B26/B28/B66
- **5G NR SA:** n1/n2/n3/n5/ n7/n8/n20/n25/n26/n28/ n38/n40/ n41/n66/n77/n78
- **5G NR NSA:** n41/n77/n78

NFC: Integrated Near Field Communication

GPS (EDA10A-1 Only) Supported Protocols: Simultaneous receiver support for GPS, AGPS, GLONASS, Galileo and BeiDou, dual band (L1 + L5)

ACCESSORIES

Apart from what it is in the box such as EDA10A terminal, battery and USB cable, the following accessories are part of our offering.

Single Charging Dock: Charges one terminal

Display Dock
Quad Bay Battery Charger
Quad Bay Charging Base
Vehicle Dock
Standard Battery Pack
Protective Boot
Rotating Hand Strap
Shoulder Strap
Screen Film
USB Wall Adaptor
Carrying Case
VESA Mount Plate
Stylus (with Tether)
D-Clips
Adapter Cup

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.honeywell.com/PSScompliance.

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

* Android 14 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.

Android, Bluetooth, Google, Gorilla Glass, Qualcomm, Snapdragon are trademarks or registered trademarks of their respective owners.

**** WWAN / cellular is not supported in North America. Only Wi-Fi SKUs are available.

For more information
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