

SCANPAL EDA51K

Enterprise Mobile Computer

The Honeywell ScanPal™ EDA51K enterprise mobile computer is a cost-effective device designed for small business to conduct mission-critical workflows in light-duty warehouse, distribution center and retail applications.

The ScanPal™ EDA51K is a rugged, keyed mobile computer with enhanced durability (IP65 rated). It can resist a certain level of dust, water, drop, tumble, vibration, humidity, heat, cold and even static electricity.

The EDA51K has high-speed operation performance, it uses Qualcomm® Snapdragon™ 1.8 GHz octa-core processor, and offers 3G+32G (standard version) and 4G+64G (high-end version) two memory options. Also, it comes with Android Q system, which makes your business more flexible and protects your built-in investment. In addition, with its powerful 13-megapixel color camera, the EDA51K can take pictures in dim environments and even read damaged packages effortlessly.

To optimize field operation, the EDA51K is equipped with a 10.6cm (4-inch) touch screen with a numeric keypad, greatly improving input efficiency. There are three scan buttons on each side of the mobile computer, specially designed for both left-handed and right-handed people, eliminating discomfort and providing an excellent user experience.

The removable battery can be used for a whole shift, so you don't have to worry that it may run out of power during work.

EDA51K is compatible with ScanPal™ EDA50K accessories, including battery charger, computer charging base and battery, saving customers the cost of accessories replacement and reducing the total cost of ownership.



The ScanPal™ EDA51K helps small businesses improve productivity, protect investment while reducing the total cost of ownership.

FEATURES AND BENEFITS



Get fast, responsive performance with the snappy Qualcomm® Snapdragon™ octa-core processor.



Easily capture barcode data, even damaged, with Honeywell's best-in-class N6703 scanning engine and a 13-megapixel color camera.



Solution with the right combination of features and reusable accessories for light-duty applications.



With broader network coverage and 4000mAh swappable battery, field works and in-house operators can get connected anytime at anywhere.



Honeywell Partner
Beratung-Verkauf-Service
Integer Solutions GmbH
Industriestraße 4, 61200 Wölfersheim
Tel.: +49-6036-90557-0
www.integer-solutions.com

Honeywell

SCANPAL EDA51K Technical Specifications

MECHANICAL

Dimensions:

164 mm x 73 mm x 24.5 mm (6.5 in x 2.9 in x 1.0 in)

Weight: 300g (10.6 oz) with battery

Display: 10.6 cm (4-inch)

Resolution: WVGA 480 x 800

Type: Transmissive

Backlight: LED

Touchscreen: Multi-touch capacitive

Keyboard: 26-key numeric main keypad; side keys: volume up/down, right and left scan keys; soft keys: 3 touch keys (Back, Home, Menu)

ENVIRONMENTAL

Operating Temperature:

-10°C to +50°C (14°F to 122°F)

Storage Temperature:

-20°C to +60°C (-4°F to +148°F)

Humidity: 10% to 90% (non-condensing)

Drop: 1.5m MIL drop cross operation temperature

Electrostatic Discharge (ESD):

±8 kV direct; ±12 kV air

Environmental Sealing: IP65

Vibration: Vertical rms = 1.04 g, Transverse; rms = 0.2 g, Longitudinal rms = 0.74 g

PERFORMANCE

Processor: Qualcomm 1.8 GHz octa-core

Memory: 3G/32G, 4G/64G Optional

Operating System: Android 10 with Google Mobile Services

Expansion Memory: MicroSDHC (up to 128 GB)

PC Communication: Type-C USB2.0

Battery: 4000 mAh @ 3.8 V

Camera: 13-megapixel color camera with autofocus and LED flash

GPS: GNSS Receiver for GPS, GLONASS and Compass (Beidou) (for WWAN only)

Button Batteries: 22 mF super-cap

Real-Time Clock: 10-min backup via super-cap

Charging Time: 4 hours

Battery Runtime: 12 hours+

Engine: 1D/2D: N6703, N3603 optional

LEDs:

Battery Condition: Red/Green/Blue

Scan Indication: Red/Green light

Vibration: Vibration Motor

Sensors: Proximity, Light, Acceleration

WIRELESS CONNECTIVITY

WLAN: IEEE 802.11 a/b/g/n/ac radio, Wi-Fi certified 802.11 a/b/g/n/ac

WLAN Security: Open, WEP, WPA/WPA2-PSK, PEAP, EAP-TLS, EAP-TTLS, EAP-PWD, EAP-SIM, EAP-AKA

WWAN*

GSM & EDGE: Band2/3/ 5/8

WCDMA: Band1/2/4/5/ 6/8/ 9/ 19

FDD-LTE: Band1/ 2/ 3/ 4/ 5/ 7/ 8/ 9/ 12/ 13/ 17/19/20/ 25/ 26/ 28/30/66

TDD-LTE: Band38/39/40/41(2555~2655)

Bluetooth: Bluetooth® Class 4.2

NFC: Integrated Near Field Communication

* 4G LTE not available in the United States and Canada

ACCESSORIES (STANDARD)

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

Wall Adapter

ACCESSORIES (OPTIONAL)

Hand Strap

Replacement Battery

Single Charging Cradle: for 1x terminal charging

Quad Battery Charger: for 4x batteries charging

USB Wall Adapter: 5V/2A

WARRANTY

One-year factory warranty



Honeywell Partner

Beratung-Verkauf-Service

Integer Solutions GmbH

Industriestraße 4, 61200 Wiesbaden

Tel.: +49-6036-90557-0

www.integer-solutions.com

EDA51K Datasheet | Rev A | 01/21
© 2021 Honeywell International Inc.

Honeywell