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

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.

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 S0703 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.

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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: S0703, 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

For more information
sps.honeywell.com

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