SCANPAL EDA51

Mobile Computer

Small businesses need a tool that will help their mobile workers get more done in less time – working more effectively and efficiently every day.

The ScanPal™ EDA51 mobile computer, the newest member of Honeywell's popular ScanPal family, is that tool. With a fast Qualcomm® Snapdragon™ SDM450 processor and robust wireless connectivity, your workers can access crucial business apps and information when they need it – and provide the best possible service to your customers.

Instantly capture barcode data even if the barcode is damaged – the ScanPal EDA51 is equipped with a powerful integrated Honeywell scanner. Or document everything from proof of delivery to damaged packages with its powerful 13-megapixel color camera.

With its intuitive, modern touchscreen design, the ScanPal EDA51 is as comfortable and easy to use as a consumer smartphone, eliminating any learning curve for your workers. But it's also rugged enough to survive tough field service and retail environments.

The ScanPal EDA51 is also ready to work as hard as your workers do. The large, vivid 5-inch display allows plenty of information to be displayed for interaction with your back-office systems and your customers, while the powerful 4,000 mAh lithium-ion battery lasts a full shift and beyond. The thin, lightweight design makes it easy to carry and pocket the device, and use it comfortably all day long.

Priced right for small business, the ScanPal EDA51 helps you protect your investments while reducing costs. It runs Android™ O and is upgradeable to Android Q, giving your business flexibility and built-in investment protection. It's validated by Android Enterprise Recommended, a Google-led initiative that helps businesses confidently select, deploy, and manage Android devices and services best suited to their business needs. Plus, it's backward-compatible with ScanPal EDA50 accessories, allowing you to reuse existing batteries and chargers and reduce your total cost of ownership.

The ScanPal EDA51 helps small businesses increase employee efficiency with an intuitive touchscreen, a powerful processor, an industry-leading scanner, and a long-life battery to help mobile workers get more done in less time.

DISINFECTANT-READY HOUSINGS – NEW!

Select models are now available with Disinfectant Ready Housings. These models can be cleaned regularly with a wide variety of cleaning solutions without damaging your product.

FEATURES AND BENEFITS

Purpose-built solution with the right combination of features and reusable accessories for light-duty applications including direct store delivery, pickup and delivery, and retail.

Easy to use, with an intuitive, large touchscreen and a lightweight, comfortable, pocketable design that's still rugged enough for tough field service environments.

Get fast, responsive performance and quick access to critical business information with the snappy Qualcomm Snapdragon 450 octa-core processor.

Built for all-day use, with a removable 4,000 mAh lithium-ion battery pack that lasts 12 hours without adding weight or bulk.

Easily capture barcode data, even if damaged, with Honeywell's best-in-class N6603 imager, and document everything with the 13-megapixel auto-focus color camera.

Honeywell

EDA51 Technical Specifications

MECHANICAL
Dimensions: 157 mm x 78.2 mm x 16.9 mm (6.18 in x 3.08 in x 0.67 in)
Weight: 272 g (9.59 oz)
Display Size: Gorilla Glass 5, size 12.7 cm (5.0 in)
Resolution: 1280 x 720 High Definition
Backlight: LED
Touchscreen: Multi-touch capacitive (CTP), GFF

ENVIRONMENTAL
Operating Temperature: -20°C to +50°C (-4°F to +122°F)
Storage Temperature: -20°C to +70°C (-4°F to 158°F)
Humidity: 10% to 90% (non-condensing)
Drop: Multiple 1.2 m (4 ft) drops to concrete at room temperature
Tumble: 300 times at 0.5 m (1.64 ft)
Environmental Sealing: IP64

SYSTEM ARCHITECTURE
Processor: Qualcomm Snapdragon SDM450, 1.8 GHz octa-core
Memory: 2 GB RAM/16 GB Flash, 3 GB RAM/32 GB Flash; 4 GB RAM/64 GB Flash
Operating System: Android 8.1, Android 10
Storage Expansion: MicroSDHC (up to 128 GB)
Camera: 13-megapixel color camera
PC Interface: Micro USB 2.0
Battery: Li-Ion, 3.8 V, 4,000 mAh, removable
Real-Time Clock (RTC): 10 min backup via super-cap
Charging Time: 4.5 hours
Battery Runtime: 12 hours
Scan Engine: Honeywell N3601, N6603 Slim Imager (1D/2D barcode symbologies)
LED:
Battery Status Indicator: red/green/blue
Sensors: acceleration sensor, light sensor, and proximity sensor
Localization & Language: Worldwide English

WIRELESS CONNECTIVITY
WLAN: IEEE 802.11 a/b/g/n/ac
WLAN Security: WEP, 802.1x, TKIP, AES, LEAP, PEAPv0, PEAPv1, EAP-M, SCHAPv2, EAP-GTC, EAP-TLS, EAP-TTLS, WPA-PSK, WPA2
Bluetooth®: Bluetooth Class 4.2
WWAN Radio*:

- GSM/EDGE: Bands 2, 3, 5, 8
- UMTS/HSPA+: Bands 1, 2, 4, 5, 8, 9, 19
- CDMA 1xRTT/EVDO: BC0, BC1, BC6
- FDD-LTE: Bands 1, 2, 3, 4, 5, 7, 8, 9, 19, 20, 26, 28
- TDD-LTE: Bands 38, 39, 40, 41

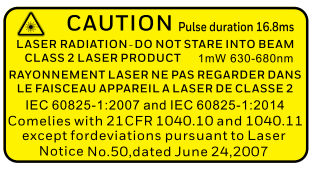
NFC: Integrated Near Field Communication
GPS Supported Protocols: Simultaneous receiver support for GPS, GLONASS, and BeiDou

ACCESSORIES (STANDARD)
USB Communication Cable: Micro USB 2.0 (communicates to PC, supports adapter/USB charging)
USB Wall Adapter: 5 V/2 A

ACCESSORIES (OPTIONAL)
Hand Strap
Scan Handle
Home Base: Charges one terminal and one replaceable battery simultaneously
Four-Bay Battery Charger: Charges four batteries simultaneously
Four-Bay Terminal Charger: Charges four terminals simultaneously

WARRANTY
One-year factory warranty

** Available outside of the United States.*



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For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

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

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ScanPal EDA51 Datasheet | Rev F | 09/21
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