SCANPAL EDA51 HC

Mobile Computer for Healthcare

android enterprise recommended

The ScanPal EDA51 HC is an easy-to-use, sleek, and pocketable assistant that enables caregivers to deliver excellent, patient-focused care. It also lowers the total cost of ownership of a solution that's purpose-built for healthcare.

Purpose-built with the right combination of features and accessories for light-duty applications in healthcare.

The healthcare industry faces many challenges. Requirements are evolving rapidly. Market dynamics are changing. Margins are shrinking. And the need to streamline and error-proof work is ongoing. Mobile computers – purpose-built for healthcare – are critical tools to address these challenges.

From admissions to inventory management to the point of care, the ScanPal™ EDA51 HC mobile computer is designed for light-duty applications. It features a fast Qualcomm® Snapdragon™ SDM450 processor, robust wireless connectivity, and 12 hours of battery power, so your medical professionals can access crucial work apps and information when and where they need it.

Even small errors can be lethal. That's why closed-loop drug management and sample collection based on barcode reading is now the standard practice for patient safety. The ScanPal EDA51 HC equips you to instantly and accurately capture this barcode data – even if a barcode is damaged – with its powerful, integrated scanner. You can also document images to aid in patient care with the device's autofocus, 13-megapixel color camera.

And to help protect your patients' health from cross-infection, this mobile device is made with a healthcare-grade housing that you can disinfect and sanitize over its entire three-year life span.

The ScanPal EDA51 HC helps you deliver excellent care at a low total cost of ownership. With its intuitive, modern touchscreen design, the device is easy to use with a short learning curve. In addition, it's sleek and pocketable design is like a personal device – comfortable to use and carry all day – but rugged enough to survive in tough, medical environments. The device is also upgradeable through Android™ Q, giving your organization flexibility and built-in investment protection.

FEATURES AND BENEFITS

UP TO Q

Starts with Android O and forward technically compatible through Android Q, protecting your investment for the future.

Easy to use and carry, with a 5-inch touchscreen and intuitive smartphone interface in a lightweight, comfortable, and pocketable design.

Get fast, responsive performance and quick access to critical information with the Qualcomm Snapdragon SDM450 octa-core processor.

Easily capture 1D/2D barcode data, even if damaged, with the high performance N3601 imager, and document everything with the autofocus 13 MP color camera.

Disinfectant-ready housing is specifically designed to withstand frequent exposure to cleaning solutions recommended for the healthcare industry.

Honeywell

SCANPAL EDA51 HC 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: 12.7 cm (5.0 in)
Resolution: 1280 x 720 High Definition
Backlight: LED
Touchscreen: Multi-touch capacitive (CTP), GFF

ENVIRONMENTAL
Operating Temperature: -10°C to +50°C (+14°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/32 GB Flash
Operating System: Android 8.1
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 minute backup via super-cap
Charging Time: 4.5 hours
Battery Runtime: 12 hours
Scan Engine: Honeywell N3601 Slim Imager Engine (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
NFC: Integrated Near Field Communication

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

Backward-compatible with ScanPal EDA50 accessories.

WARRANTY
One-year factory warranty

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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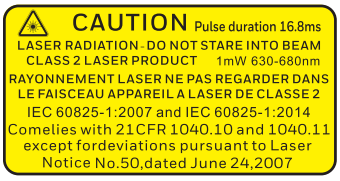

For more information
www.honeywellaidc.com
www.android.com/AER

Honeywell Safety and Productivity Solutions
9680 Old Bailes Road
Fort Mill, SC 29707
800-582-4263
www.honeywell.com

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