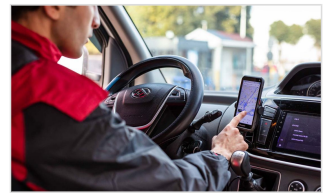# Honeywell ScanPal EDA56 & EDA57

Honeywell ScanPal EDA56 & EDA57 - Compact scan engine for slim design

✓ Fast and error-free barcode scans with ultra-compact scan engine

✓ Slim design with 5.5-inch touchscreen

✓ 5G, WLAN, Bluetooth and NFC for fast data transmission and communication

✓ Expandable with RFID reader

✓ Quick Charge 3.0 for particularly short battery charging times

Honeywell ScanPal EDA56 & EDA57

Features

Readable codes: 1D, 2D

Display: 5.5 inch, Gorilla Glass 5

Operating system: Android 12 to Android 14

Processor: Qualcomm Snapdragon SM6115 / SM4350

Memory: 4 GB RAM / 64 GB Flash, 6 GB RAM / 128 GB Flash, 8 GB RAM/128 GB Flash

Feedback: LED, sound and vibration

Buttons: 2 scan buttons, volume, on/off

Communication: WLAN, 5G (EDA57), Bluetooth, NFC

Additional features: cameras (13 / 5-8 MP), GPS, various sensors

Battery: 4500 mAh, 12+ h

Protection: IP67, drop-proof up to 1.5 m

Operating temperature: -20 - 50 °C

Dimensions (W x L x H): 75 x 159 x 14 mm

Weight: approx. 260 g

Optional accessories

Single and multiple charging stations

Single and multiple docking stations

Hand straps

Handle with trigger

Rubber Boot

RFID Reader Sled

Honeywell ScanPal EDA56 & EDA57

EDA56 Wi-Fi 6 6PIN Mobile Computer

MECHANICAL
Dimensions:
159mm x 75 mm x 14.4 mm
(6.26 in x 2.95 in x 0.57 in)
Weight: 258g
Display Size: Gorilla Glass 5, 5.5-inch
Resolution: 1440 x 720 High Definition
Backlight: LED
Touchscreen:
Multi-touch capacitive (CTP), GFF
Hard Keys: 5 side keys for volume up/down, right and left scan keys and power on/off

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 90% (non-condensing)
Drop: Multiple 1.3m (4.3ft) per MIL-STD 810G drops to concrete at room temperature; Multiple 1.5m (5ft) per MIL-STD 810G drops with rubber boot concrete at room temperature
Tumble: 550 times at 0.5 m (1.64 ft)
Environmental Sealing: IP67
Electrostatic Discharge (ESD):
±8 kV direct; ±15 kV air

SYSTEM ARCHITECTURE
Processor: Qualcomm Snapdragon SM6115, Quad high-performance; Kryo cores 2.0 GHz +Quad low-power; Kryo cores 1.8 GHz
Memory: 4 GBRAM/64 GB Flash; 6 GB RAM/128 GB Flash
Operating System: Android 11, and upgradeable to Android 13*
Storage Expansion:
MicroSD (up to 128 GB)
Rear Camera: 13-megapixel color camera
Front Camera: 5-megapixel color camera
PC Interface: 6 pin bottom connection
Battery:
Li-Ion, 3.8 V, 4,500 mAh, removable

Real-Time Clock (RTC):
10 min backup via super-cap
Charging Time: less than 3.5 hours
Battery Runtime: more than 12 hours
Scan Engine: Honeywell S0703 Slim Imager (1D/2D barcode symbologies); Non-imager version (optional)

LED
Battery Status Indicator: red/green/blue
Scan Indication: red/green
Sensors: acceleration sensor, light sensor, and proximity sensor
Localization & Language:
Worldwide English

WIRELESS CONNECTIVITY
WLAN (Wi-Fi certified): IEEE 802.11 a/b/g/n/ac/ax ,2*2 MU-MIMO
WLAN Security: OPEN, WEP, WPA/WPA2/WPA3 (Personal and Enterprise)
WLAN Supported EAP: TLS, PEAP, TTLS, PWD, LEAP, CCX compliant
Bluetooth: V5.1 Bluetooth and BLE
NFC:
Integrated Near Field Communication

ACCESSORIES
Single Charging Home Base:
Charges one terminal and one replaceable battery simultaneously
Backwards Adaptor Cup: Be compatible with EDA50/51 single charging dock
Standard Battery Pack
Quad Bay Battery Charger
RFID Bracket
Scan Handle
Rubber Boot
Wrist Strap
Hand Strap
Screen Film
Single Charging Dock:
Charges one terminal
Quad Bay Charging Base:
Charges four terminals simultaneously

UNIVERSAL ACCESSORIES
EDA52 Non-booted Net Base:
Charges four terminals simultaneously with ethernet communication
EDA52 Non-booted Ethernet Base:
Charges one terminal and one battery simultaneously with ethernet communication
EDA52 Non-booted Display Dock:
Charges one terminal with external display and ethernet communication USB Cup
Universal Cup:
Be compatible with CT4X universal docks

WARRANTY
One-year factory warranty

Honeywell ScanPal EDA56 & EDA57

SCANPAL EDA57 Technical Specifications

MECHANICAL

Dimensions: 159 mm × 75 mm × 14.4 mm (6.26 in × 2.95 in × 0.57 in)

Weight: 260 g (9.17 oz)

Display Size: Gorilla Glass 5, 5.5-inch

Resolution: 1440 × 720 High Definition

Backlight: LED

Touchscreen: Multi-touch capacitive (CTP), GFF

Hard Keys: 5 side keys for volume up/down, right and left scan keys and power on/off

LED

Battery Status Indicator: red/green/blue

Scan Indication: red/green

Sensors**:** acceleration sensor, light sensor and proximity sensor

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 90 % (non-condensing)

Drop: Multiple 1.5 m (5 ft) per MIL-STD 810G drops to concrete at room temperature Multiple 1.8 m (6 ft) per MIL-STD 810G drops with rubber boot concrete at room temperature

Tumble: 1000 times at 0.5 m (1.64 ft)

Environmental Sealing: IP67

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

SYSTEM ARCHITECTURE

Processor: Qualcomm Snapdragon SM4350 Pro Kryo 460, 2xGold (A76 based) + 6xSilver (A55 based)

Memory: 8 GB RAM/128 GB Flash

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

Storage Expansion: MicroSD (up to 128 GB)

Rear Camera: 16-megapixel color camera

Front Camera: 8-megapixel color camera

Interface Ports: 6-pin bottom connection

Battery: Li-Ion, 3.8 V, 4,500 mAh, removable

Real-Time Clock (RTC): 5 min backup via super-cap

Charging Time: less than 3.5 hours

Battery Runtime: more than 12 hours

Scan Engine: Honeywell S0703 Slim Imager (1D/2D barcode symbologies)

WIRELESS CONNECTIVITY

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

Additional WLAN Features: 802.11 d/e/h/i/k/ r/u/w/v, 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

Bluetooth: Bluetooth Class 5.1

WWAN Radio:

GSM: 850/900/1800/1900

UMTS: B1/B2/B4/B5/B6/B8/B19

LTE: B1/B2/B3/B4/B5/B7/B8/B19/B20/ B26/B28/B38/B40/B41/B66

5G NR: n1/n2/n3/n5/n7/n8/n20/n26/n28/ n38/n40/n41/n66/n77/n78/n79

NFC: Integrated Near Field Communication

GPS Supported Protocols: Simultaneous receiver support for GPS, AGPS, Beidou, GLONASS and Galileo

ACCESSORIES

Single Charging Home Base: Charges one terminal and one replaceable battery simultaneously

Single Charging Dock: Charges one terminal (needs to work with adaptor cup)

Backwards Adapter Cup: Be compatible with EDA50/51 single charging dock

Quad Bay Charging Base: Charges four terminals simultaneously

Quad Bay Battery Charger

Standard Battery Pack

RFID Bracket

Scan Handle

Rubber Boot

Wrist Strap

Hand Strap

Screen Film

USBC Headset

Power Adapters

UNIVERSAL ACCESSORIES

EDA52 Non-booted Net Base: Charges four terminals simultaneously with ethernet communication

EDA52 Non-booted Display Dock: Charges one terminal with external display and ethernet communication

EDA52 Non-booted Ethernet Base: Charges one terminal with ethernet communication

USB Cup

Universal Cup: Compatible with CT4X universal docks