Honeywell

HANDHELD COMPUTERS

ScanPal EDA57 Handheld Computer

ScanPal EDA57 is a 5G enterprise mobile computer that provides fast and mass data interactions between frontline workers and backend systems. Light weight and rugged design makes EDA57 ideal for retail, logistics, manufacturing, and public service.

Overview

5G Connectivity

The ScanPal EDA57 mobile computer offers the latest Qualcomm® Snapdragon™ octa-core 2.2 GHz processor with wireless connectivity through NFC, Wi-Fi 5, Bluetooth® 5.1 and 5G network communication. With seamless 5G connectivity, the ScanPal EDA57 provides reliability and ultra-low latency wireless connection between the device and backend networks. The ScanPal EDA57 device's premium performance makes your investment future-forward by being ready for smartlogistics, immersive commerce, flexible manufacturing and collaborative workspaceapplications.

High Efficiency and Productivity

The ScanPal EDA57 provides a wide array of memory options including 4 GB/64 GB, 6 GB/128 GB and 8 GB /128 GB, enabling fast data processing speed. Equipped with the powerful Honeywell S0703 scan engine, the ScanPal EDA57 enables snappy and effective barcode reading even of damaged or incomplete barcodes. Workers can receive accurate and up-to-date information that may help boost productivity when performing activities like order and inventory management.

Rugged Design and Comfort

With the drop and tumble specification of up to 1.5 meters (5 ft) without rubber boots and IP67 sealing rating, the EDA57 can endure various harsh environmental conditions. A removeable 4500mAh battery allows for prolonged and uninterrupted use between each charge and supports Quick Charge™ 3.0 to ensure smooth shift handovers. A prominent 5.5-inch Gorilla Glass® 5 touch screen interface and ergonomic industrial design may help improve the users'experience as its lightweight and slim design allows for users to easily operate the device with one hand, carry it in pockets and stay comfortable all day.The 16-megapixel rear camera allows high-resolution image documentation and the 8-megapixel front camera greatly improves the video communication experience.

Backward Compatibility

For existing Honeywell mobile computer installed base users, the ScanPal EDA57 can be backward-compatible with most EDA52 accessories.This will further help protect existing investment and decrease cost of ownership.

Latest Operating System & Powerful Software Solution

Built on Android™ 12 and can be upgradable to Android 14*, may reduce maintenance concerns and offers long-term support. It fulfills an enterprise need for ease of use and management, security, privacy and reliability.Honeywell Operational Intelligence provides actionable insights into critical areas such as mobility devices, printer usage and network connectivity. These insights can be turned into automated workflows that optimize workflow processes for greater productivity that may lead to reducing IT support costs.The Smart Talk Unified Communications overcomes the problem of fragmented communications and empowers teams with enterprise-grade security for voice calling, text & media messaging and user presence – all from one device.

*Android 14 is pending for the confirmation from Qualcomm & Google

Specifications

FEATURES

Application

- Retail, transportation & logistics, manufacturing, distribution center, and public service

Camera

- 16-megapixel color rear camera
- 8-megapixel color front camera

DIMENSIONS

Overall Dimensions

- 159mm x 75 mm x 14.4 mm
- 6.26 in x 2.95 in x 0.57 in

SCANNING SPECIFICATIONS

Decode Capability

- Honeywell S0703 Slim Imager (1D/2D barcode symbologies)

NETWORK

Computer Wireless Communication

- NFC: Integrated Near Field Communication

GPS Specifications

- Simultaneous receiver support for GPS, AGPS, Beidou, GLONASS, and Galileo

Bluetooth Specifications

- Bluetooth Class 5.1

WWAN Specifications

- 5G NR: n1/n2/n3/n5/n7/n8/n20/n26/n28/n38/n40/n41/n66/n77/n78/n79
- GSM: 850/900/1800/1900
- LTE: B1/B2/B3/B4/B5/B7/B8/B19/B20/B26/B28/B38/B40/B41/B66
- UMTS: B1/B2/B4/B5/B6/B8/B19

WLAN Specifications

- Additional WLAN Features: 802.11 d/e/h/i/k/ r/u/w/v, 2X2 MU-MIMO
- WLAN (Wi-Fi Alliance certified): IEEE 802.11 a/b/g/n/ac
- WLAN Security: OPEN, WEP, WPA/WPA2 (Personal and Enterprise WPA2), WPA3 (OWE, SAE, Enterprise)
- WLAN Supported EAP:TLS, PEAP, TTLS, PWD, LEAP

SOFTWARE & FIRMWARE

Operating System

- Android 12, upgradeable to Android 14* *Android 14 is pending for the confirmation from Qualcomm & Google

MEMORY & DATA

Memory

- 4 GB RAM / 64 GB Flash

- 6 GB RAM / 128 GB Flash

- 8 GB RAM / 128 GB Flash

HARDWARE

Scan Engine Model

- Honeywell S0703 Slim Imager

Display Size

- Gorilla Glass 5, 5.5-inch

Processor

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

ELECTRICAL

Battery Types

- Removable

Battery Type

- Li-Ion, 3.8 V

ENVIRONMENTAL

Operating Humidity

- 5% to 90% (non-condensing)

Storage Temperature Range

- –22°F to 158°F

- –30°C to +70°C

Operating Temperature

- –20°C to +50°C

- –4°F to +122°F

STANDARDS & APPROVALS

Tumble Specifications

- 1000 times at 0.5 m

- 1000 times at 1.64 ft

Protection Ratings

- IP67

Drop Specifications

- Multiple 1.5m per MIL–STD 810G drops to concrete at room temperature

- Multiple 1.8m per MIL–STD 810G drops with rubber boot concrete at room temperature

- Multiple 5ft per MIL–STD 810G drops to concrete at room temperature

- Multiple 6ft per MIL–STD 810G drops with rubber boot concrete at room temperature

SERVICE TERMS

Warranty Duration

- One-year factory warranty

OTHERS

Camera Position

- Front

- Rear