

SCANPAL EDA61K

Enterprise Mobile Computer

The Honeywell ScanPal™ EDA61K enterprise mobile computer is designed for small and medium businesses to conduct mission-critical workflows in light-duty warehouse, distribution center and retail applications.

The ScanPal EDA61K is a rugged, keyed mobile computer that helps businesses automate and error-proof workflows in indoor or outdoor warehouses, distribution centers and retail backrooms. With a battery that lasts for two to three shifts and a lightweight, ergonomically balanced design that minimizes user fatigue, the EDA61K helps keep material flowing smoothly all day long, even during peak seasons.

Available with both 34-key numeric and 47-key alpha-numeric keypad options, and a choice of scan engines that read from a few centimeters to up to 15 meters (49.2 feet), the EDA61K is available in configurations suitable for most applications. The EDA61K comes with 4G LTE cellular support in many countries, making it possible to eliminate Wi-Fi infrastructure in some cases.

Combined with a rugged package that survives repeated 1.5-meter (4.9 ft) drops to concrete, this means you can be confident that the EDA61K will deliver reliable, secure, compatible performance for years, maximizing return on investment.

In addition to traditional keypads, the EDA61K is available with pre-licensed StayLinked SmartTE software and a sensitive, 4-inch touchscreen that make it suitable for new workforces more accustomed to touchscreens, reducing training and adoption time – a key advantage for enterprises employing temporary workers during peak seasons.



The ScanPal EDA61K enables small and medium businesses to profit from global e-commerce by ensuring the reliable flow of inventory, even in the face of seasonal fluctuation, unpredictable surge demand and a rapidly changing workforce.

FEATURES AND BENEFITS



Responsive performance and quick access to business-critical information with the speedy Qualcomm 1.8 GHz octa-core chipset, ample memory and reliable Wi-Fi.



Snappy, accurate data capture from a few centimeters to up to 15 meters (49.2 feet) with Honeywell's slim N6703 and long-range EX20 scan imagers, and a 13-megapixel, autofocus camera.



Uninterrupted operation for more than two full shifts with Honeywell's 7,000 mAh, hot-swappable, lithium-ion smart battery pack that lasts 25 hours on a single charge.



Stay connected with fast, dual-band, 802.11 a/b/g/n/ac Wi-Fi, Bluetooth® 4.2 and cellular support in most countries.

Honeywell

EDA61K Technical Specifications

MECHANICAL

Dimensions: 206 mm x 78 mm x 41.9 mm
(8.1 in x 3.1 in x 1.6 in)

Weight:

N6703 version: 435 g (15.3 oz)

EX20 version: 460 g (16.2 oz)

Display Size: 4 inch

Backlight: LED

Touch Screen: Multi-touch capacitive

Hard Keys: Volume up/down, left/right scan, power, reset

I/O: USB type C, OTG supported

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: 10% to 90% (non-condensing)

Drop: Multiple 1.5 m (5 ft) drops to concrete at room temperature

Tumble: 1,000 tumbles at 1 m (3.3 ft)

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

SYSTEM ARCHITECTURE

Processor: Qualcomm SDM450 1.8 GHz octa-core

Memory: 3 GB RAM, 32 GB Flash

Operating System: Android 9

Default Languages: World Wide English

Storage Expansion: microSDHC
(up to 128 GB)

Battery: Li-Ion, 3.6V, 7,000 mAh

Button Batteries: 22 mF super cap

Real-Time Clock: 10 min backup via super cap

Charging Time: 5.5 hours

Battery Runtime: 25 hours (test profile: scan once every 9 seconds; display at 50% brightness; turn off keypad backlight and activate Wi-Fi only)

Scan Notification: Red/Green light

Scan Engine: EX20, N6703SR

Camera*: 13.0-megapixel color camera with autofocus and LED flash

Battery Condition: Red/Green/Blue

WARRANTY

One-year factory warranty

WIRELESS CONNECTIVITY

WLAN: IEEE 802.11 a/b/g/n/r/ac radio

WWAN:

GSM&EDGE: Band2/Band3/Band5/Band8

WCDMA: Band1/Band2/Band4/Band5/
Band6/Band8/Band9/Band19

CDMA: BC0/BC1/BC6

FDD-LTE: Band1/Band2/Band3/Band4/
Band5/Band7/Band8/Band9/Band12/
Band13/Band17/Band19/Band20/Band25/
Band26/Band28/Band30

TDD-LTE: Band38/Band39/Band40/Band41

Integrated GPS

Bluetooth Class 4.2

ACCESSORIES

Single Charging Cradle

Hand Strap

Replacement Battery

Quad Battery Charger

Scan Handle

USB Communication Cable: USB type C, OTG supported

USB Wall adaptor: 5V/2A

* Note: Camera is available on N6703 version only.

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

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CN75

Ultra-Rugged Mobile Computer

The Honeywell CN75 and CN75e mobile computers offer the versatility customers demand, providing the choice of a Windows® or Android™ operating system on a single device to meet changing enterprise business demands.



The no-compromise design is powered by a 1.5 GHz dual-core, multi-engine processor with 2 GB RAM and 16 GB Flash, offering the highest degree of future-proofing capability.

Specifically designed for mobile field service workers who need power and performance in a compact form factor, the Honeywell CN75 mobile computer offers the perfect balance of ruggedness, duty cycle and ergonomics while providing unparalleled versatility. The CN75e device offers the same power-packed computing but with a larger keypad design, making it ideal for delivery environments where workers may be wearing gloves or have more data input-intensive applications.

The CN75 and CN75e mobile computers deliver unparalleled reliability with smart battery technology that provides enough power to last a full work shift, eliminating dead batteries and downtime. The CN75 and CN75e mobile computers are also equipped with a high-performance imager that provides fast and accurate barcode scanning capabilities even in low-light scanning environments, with unmatched motion tolerance to eliminate costly delays in scan-intensive applications.

The no-compromise design extends to radio connectivity, as well. The wide-area solutions feature a Flexible Network voice and data WWAN radio that operates on networks worldwide, offering switch-on-the-fly network selection capability and eliminating the need for multiple pools of devices dedicated to one network.

The CN75 and CN75e mobile computers' no-compromise design provides the power and performance required by today's mobile field service and transportation workers.

FEATURES AND BENEFITS



Supports Windows Embedded Handheld 6.5 and Android 6.0 Marshmallow operating systems for flexible application support and migration.



Flexible radio technology provides optimal network coverage and a superior solution for implementing least-cost routing strategies.



Withstands 2.4 m (8 ft) drops to concrete, 2,000 (1 m) tumbles and has an IP67 seal rating against rain and dust.



Advanced barcode imaging technology with motion tolerance for snappy scanning and white illumination with laser aiming for high read rates.



Full compatibility with printers, application software, communications and a complete set of peripherals and accessories, enabling a comprehensive enterprise business solution.

Honeywell

CN75/CN75e Technical Specifications

PHYSICAL CHARACTERISTICS

CN75 Dimensions with Battery:

L x W x D: 16.9 cm x 8.0 cm x 3.4 cm
(6.65 in x 3.15 in x 1.34 in)

Weight: 450 g (15.9 oz) with battery

CN75e Dimensions with Battery:

L x W x D: 19.5 cm x 8.0 cm x 3.4 cm
(7.66 in x 3.15 in x 1.34 in)

Weight: 491 g (17.3 oz) with battery

ENVIRONMENTAL

Operating Temperature: -20°C to +60°C
(-4°F to +140°F)*

Storage Temperature: -30°C to +70°C
(-22°F to +158°F)

Charging Temperature: +5°C to +35°C
(41°F to 95°F)

Relative Humidity: Non-condensing, 95%

Rain and Dust Resistance: IP67

Drop Spec: 2.4 m (8 ft) to concrete per MIL-STD 810G, 1.8 m (6 ft) to concrete across operating temperature range per MIL-STD 810G, 2,000 (1 m) tumbles per IEC 60068-2-32 specification

Electrostatic Discharge: +/-15 kV air discharge; +/-8 kV direct discharge

POWER

Battery Pack: 3.7 V, 4000 mAh; IEEE 1725 compliant, Li-Ion, removable, rechargeable

OPERATING SYSTEM:

Microsoft® Windows Embedded Handheld 6.5 or Android 6.0 Marshmallow with GMS

MULTI-ENGINE PROCESSOR ARCHITECTURE

Texas Instruments 1.5 GHz OMAP 4470 dual-core, multi-engine processor architecture

MEMORY

RAM: 2 GB

ROM: 16 GB Flash

Storage Expansion: Customer-accessible micro-SD slot for removable memory cards up to 32 GB

DISPLAY

8.9 cm (3.5 in) Transmissive VGA

480 x 640 pixels

65,536 (16-bit RGB) colors

High-durability touch screen

Hardened Corning® Gorilla® Glass display for superior durability

LED backlight

Ambient light sensor

STANDARD COMMUNICATIONS

USB – Full Speed 2.0 Host, USB – Full Speed 2.0 Client

SOFTWARE APPLICATIONS AND COMPONENTS

Device Management:

SmartSystems™ Foundation provides a single, integrated environment for hands-free deployment and management of devices on-site or remote. Also compatible with leading third-party data and device management products.

ScanNGo for easy barcode-based enterprise-wide device provisioning. It can be used to download device management software from Honeywell ISVs.

CloneNGo, a peer-to-peer device management software that enables simple device cloning, eliminating the need to use a management console for device provisioning.

Application Development: Honeywell Developer Library

Device Health Monitoring: On-board monitoring of key subsystems including scanning, communications and battery life

Optional Honeywell Enterprise Client Pack: Terminal Emulation and HTML 5 Browser

Optional Launcher: Application locking

DATA MANAGEMENT

Skynax® Mobile Communications

INTEGRATED RADIOS

Wireless WAN: Worldwide Voice and Data (can switch between UMTS and CDMA radio networks)

UMTS/HSPA+

UMTS Frequencies: 800, 850, 900, 1900, 2100 MHz

GSM/GPRS/EDGE Frequencies: 850, 900, 1800, 1900 MHz

Max Speeds (Network dependent): Uplink – 5.76 Mbps; Downlink – 14.4 Mbps

CDMA/EV-DO Rev A

Dual Band CDMA2000 Bands: BC0 & BC1 (800/1900 MHz)

Max Speeds (Network Dependent): Uplink – 1.8 Mbps; Downlink – 3.1 Mbps

Wireless LAN: IEEE 802.11 a/b/g/n

Security: Wi-Fi Certified for WPA and WPA2,

Authentication: 802.1x

Cisco Compatibility: CCXv4

Encryption: WEP (64- or 128-bit), AES, TKIP

Wireless PAN: Integrated Bluetooth® Power Class 1.5 Version 4

GLOBAL POSITIONING SYSTEM

(with WAN Radio Option): 12-channel integrated GPS; network-independent autonomous mode; supports assisted

operation via XTRA®, CP E911

GPS dedicated AT commands

Protocol: NMEA-0183 V2.3

Tracking Sensitivity: better than -158 dBm

GLONASS support

SENSOR TECHNOLOGY

Accelerometer: Embedded accelerometer enables automatic or application-specific features such as screen rotation or system suspend

AUDIO SUPPORT

Supports VoIP/speech recognition/push-to-talk applications; front and rear speakers; rear speaker >80 dB at 40 cm (15.7 in); front receiver and front panel microphone for handset audio communication and audio recording; wireless Bluetooth headset support; wired headset support via snap-on adapter

INTEGRATED SCANNER

EA30 High-Performance Motion-Tolerant 2D Imager: (up to 500 in/s) white LED illumination; red laser aimer and framer optimized for all lighting conditions.

Capable of scanning all common 1D and 2D barcodes; 1D as small as 4 mils; 2D as small as 6.6 mils. Refer to User's Manual for depth-of-field performance.

INTEGRATED CAMERA

5-megapixel auto-focus color camera with LED flash

KEYPAD OPTIONS

All keypad options feature backlit hard keycaps with laser-etched legends.

CN75:



NUMERIC KEYPAD



QWERTY KEYPAD

CN75e:



LARGE NUMERIC KEYPAD



LARGE QWERTY KEYPAD

CN75/CN75e Technical Specifications

HONEYWELL GLOBAL SERVICES SUPPORT

Contact for Support:

www.hsmcontactsupport.com

Public Knowledgebase Articles:

www.hsmknowledgebase.com

Telephone support available in North America (800-782-4263). Outside of this area, contact your local representative.

ACCESSORIES

FlexDock modular docking system, vehicle dock, vehicle holder, snap-on adaptors, removable scan handle, magnetic stripe reader, 6822 full-page printer and PW50 workboard printer

REGULATORY APPROVALS AND COMPLIANCE

CN75LAN, CN75WAN

Safety: cULus Listed, BSMI

EMC: Class B – FCC/ICES/EN, GOST-R

Radio: FCC, Industry Canada, A-tick (AU), NCC, IDA,

ICASA, POSTEL, NTC, ETA, SIRIM, ANATEL

Environmental: EU Directives-WEEE; RoHS; Batteries and Accumulators; Packaging and Waste Packaging

NON-INCENDIVE VERSION

CN75 and CN75e with NI certification comply with the following: Suitable for use in Division 2 locations

Safety: cULus Listing – ISA/ANSI 12.12.01

Gases: Class I – Groups A, B, C, D

Dusts: Class II – Groups F, G

Fibers and Flyings: Class III

***Max. Ambient:** 50°C (122°F) T6

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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