



RT10A Rugged Tablet

The Honeywell RT10A rugged tablet is designed for rapid user adoption, minimized TCO, and optimized device management. Whether you're a first responder, federal field worker, transportation and logistics professional, warehouse or utilities worker, or a manager, the RT10A is built to fit seamlessly into your daily workflow.

Keeping workers and managers connected and providing them with the data and functionality they need, when they need it, is crucial to every business. To enable this, you need mobile devices that not only fit your workflow, but also your workforce. If workers don't use a device, the benefits of connectivity, data capture, and productivity are never achieved.

With its 10.1-inch bright, high-resolution, optically bonded display and a light-yet-durable form factor, the Honeywell RT10A rugged tablet is easy to use all day long, making it perfect for rapid user adoption. For data capture, the FlexRange™ dual-lens imager is capable of scans less than 0.1 m (5 in) all the way out to 10.7 m (35 ft), so users can easily capture barcodes from across the room without having to waste time getting close enough for a scan.

In addition to flexibility and ease of use, mobile devices must also deliver minimized TCO by being durable and optimized for productivity. With its rugged drop specification and IP65 rating, the RT10A is built to last, and its hot-swappable battery packs can save you the hours of downtime that can occur when a device loses its charge. In addition, the RT10A is built on Honeywell's Mobility Edge™ platform, helping to future-proof your investment with support through Android™ 13 — and a commitment to support version 14, pending feasibility confirmation from Qualcomm®.

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Features and Benefits



Powerful barcode scan capabilities, including near-, mid-, and far-range scans with instantaneous autofocus.



Turn data into action with the RT10A and Operational Intelligence. Find and fix problems like device abusers, or units that weren't charged overnight.



Stay connected with field employees with the RT10A and Smart Talk. Connect mobile workers with subject matter experts using secure PTT, text, voice, and video communications.



Rugged construction withstands 1.2 m (4 ft) drops using MIL-STD 810G standards, and has an IP65 rating against dust and water.



Vehicle docks for forklift mounting, desk docks for office use, hand or shoulder straps for keeping your tablet at your side – the RT10A has a full suite of accessories for many different workflows.



With its bright, high-resolution screen, ideal balance of ruggedness and lightweight design, and built-in barcode scanning, the RT10A boosts worker productivity while keeping total cost of ownership low.

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MECHANICAL

Dimensions: 271.9 mm x 198.3 mm x 19.5 mm (10.7 in x 7.81 in x 0.77 in) **Weight:** 1.2 kg (2.65 lbs) with standard battery, 1.4 kg (3.1 lbs) with extended battery

ENVIRONMENTAL

Operating Temperature:

AC Power: -20°C to 40°C (-4°F to 104°F)

Battery Power: -10°C to 50°C (14°F to 122°F)

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

Humidity: 10 %RH to 90 %RH, non-condensing

Transit Drop: 1.2 m (4 ft), MIL-STD-810G, Method 516.6, Procedure IV

Crash Shock: MIL-STD-810G, Method 516.6, Procedure V

Vibration: MIL-STD-810G, Method 514.6, Procedure I

Environmental Sealing: IP65

ESD +/-8 kV direct; +/-15 kV air

SECURITY

WLAN Security: OPEN, WEP, WPA/WPA2 (Personal/Enterprise)
Kensington Lock slot

WIRELESS CONNECTIVITY

WLAN: IEEE802.11 a/b/g/n/ac; Wi-Fi certified 2x2 MIMO support

Additional WLAN Features: 802.11 d/e/h/i/k/r/w **WLAN**

Security: OPEN, WEP, WPA/WPA2 (Personal and Enterprise)

WWAN: WWAN: WWAN Radio (ATT/VZW/NA/EU) LTE

Advanced Support Up to 400 Mbps CAT13 LTE downlink; Up to 75 Mbps CAT5 LTE uplink LTE (FDD) – bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 25, 26, 28, 29 LTE (TDD) – Bands 38, 39, 40, 41

UMTS/HSPA+ (3G) – Bands 1, 2, 4, 5, 6, 8, 9, 19;

GSM/GPRS/EDGE Quad-Band

(850/900/1800/1900 MHz) 1xRTT/EV-DO – Bands BC0, BC1,

BC10 (B26BW)

Bluetooth®: V5.0 Bluetooth and BLE

Supported Bluetooth Profiles: HFP, PBAP, A2DP, AVRCP, OPP,

SPP, GATT

NFC: Integrated Near Field Communication

Push to Talk (PTT): Supported

GPS Supported Protocols: Simultaneous GNSS. Receiver

Support for GPS,

GLONASS, Galileo, and Beidou

SYSTEM ARCHITECTURE

Processor: 2.2 GHz Qualcomm 64-bit

Snapdragon™ octa-core

Operating System: Android 9, upgradeable through Android 13 guaranteed and committed to support 14 subject to confirmation of feasibility from Qualcomm.

Memory: 4 GB, 6 GB, 8 GB RAM and 32 GB, 64 GB, 128 GB Storage

Display: 10.1-inch, 800 NIT brightness, 1920 x 1200 resolution

Optically bonded

Audio: Integrated microphones with noise cancellation

Dual 1W speakers

I/O Ports

1x USB 3.0 (Type A)

1x USB 3.0 (Type C)

1x 3.5mm Audio Combo Connector (Mic in or

line out) 1x DC jack

1x Micro SDXC slot

User-accessible microSD: Card up to 512 GB (SDXC/SDHC/SDIO compliant)

Keys:

1x Power

1x Home

2x Programmable function keys

Volume control

Camera:

Rear: 13 MP autofocus with flash

Front: 8 MP

Sensors: Ambient light sensor, accelerometer, gyroscope

Battery:

Standard: 5,900 mAh, 12 hours

Extended: 10,280 mAh, 18 hours

Hot-swap battery capability

Scanning Capabilities: Honeywell N6703 Standard Range 1D/2D Imager

Honeywell FlexRange™ 1D/2D Imager

WARRANTY

3-year limited 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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