

# SOLVING BUSINESS PROBLEMS WITH HONEYWELL TOUCH SCREEN COMPUTERS

Streamline operations and improve productivity with the Honeywell comprehensive touch screen mobile computer portfolio — designed for real-world environments.

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Solution Brief

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**Honeywell**

# STAY AHEAD OF THE CURVE

## SITUATION

Frontline workers in retail, transportation and logistics, and warehouse/distribution centers operate in fast-paced settings where ease of use, reliability, and accuracy directly affects operational efficiency, customer satisfaction, and revenue. To keep workflows running smoothly, workers depend on reliable connectivity and performance that can withstand demanding environments.

However, some businesses operate on outdated and unreliable mobile touch screen computers, which can negatively impact task execution, allow room for errors, and reduce workforce productivity. As workplaces become more demanding, users' expectations rise, and the need for operational efficiency increases.

Empowering frontline workers with purpose-built, durable, stable, and secure mobile touch screen computer solutions is essential to streamline workflows, improve accuracy, and maintain a competitive edge.

## ALL-PURPOSE HAND-HELD SOLUTIONS

Honeywell Mobility offers four touch screen solutions to address the needs of customers in different environments in retail, transportation & logistics, and warehouse and distribution centers: the Honeywell CT32, CT37, CT70, and the CT47:

- The **CT32** is an affordable, general-purpose solution for retail, logistics, and warehouse applications.
- The **CT37**, a reliable 5G, enterprise-class touch screen computer for healthcare and retail users with an elegant, yet durable design.
- The **CT70**, an ultra-rugged, ultra-reliable, 5G connected device for enterprise customers that need a long service life and a predictable O/S upgrade path.
- The **CT47** is an ultra-rugged, all-purpose solution that ensures reliable performance, 5G data connectivity and communications for front-line mobile workers in logistics, warehouse and field mobility.

## MOBILITY EDGE™ A durable, stable, secure foundation

All Honeywell Mobility Touch Screen Mobile Computer Solutions are built on the Mobility Edge™ platform, a durable, stable, secure foundation for effective, long-lasting solutions. This unified platform delivers the lifecycle, security and optimized performance and accelerated deployments required by serious businesses.

Harnessing the latest processor and memory technology for high performance, with planned support through Android 19.

Combined with the powerful, cloud-based, Honeywell Operational Intelligence asset optimization solution, IT leaders can empower operations with competitive advantage, high productivity and low TCO, all with user experience that keeps front-line workers productive and engaged.





## CT37

### Premium, purpose-built solution

The CT37 is an enterprise-class mobile computer that provides a consumer-phone like experience for demanding front-line workers without compromising the durability, reliability, manageability and lifecycle demanded by the economic buyer and the IT team.

Designed for retail, logistics, and healthcare businesses seeking efficiency and reliability, the CT37 keeps front-line associates connected, allowing them to focus on customers rather than device management.

Equipped with the latest 5G and Wi-Fi 6E technology, the CT37 ensures reliable connectivity both indoors and in the field.

Frontline workers can streamline operations and minimize downtime with the CT37 hot-swappable battery. No interruptions for battery replacement makes it possible for extended operational use without unplanned downtime.

The CT37 also has a touch screen device tailored for healthcare use cases, the CT37 HC. This is the ideal solution, designed to withstand regular sanitation and features vital innovations for medical environments such as a disinfectant-ready housing.





## CT70

### Ultra-rugged, ultra-reliable

The CT70 is an ultra-rugged, ultra-reliable, 5G connected device for enterprise customers that need a long service life and a predictable O/S upgrade path. Ready for the future with advanced features such as a powerful processor, 5G cellular and Wi-Fi 7, the CT70 is engineered for top-tier performance, ensuring frontline workers in transportation and logistics, and hard goods retail have reliable, high-speed access to data and communications over a long service life.

The CT70 is built to withstand the toughest environments without compromising on performance. Workers in the field can rely on the rugged yet easy-to-use design, which can endure multiple 6-ft drops to concrete and over 3,000 real-world tumbles. Whether it is exposed to heavy rain, operating in a very dusty working environment, or enduring extreme cold weather, the CT70 remains resilient and dependable, ensuring smooth and uninterrupted operations.

The CT70 comes with the latest Wi-Fi 7 technology to stay connected. Wi-Fi 7 offers blazing-fast speed and reliable connectivity even in a device-crowded environment.

The CT70 offers impressive battery life with options for extensive operational shifts and allows for seamless battery swaps without disrupting connectivity. Its integrated RFID capabilities enhance asset management efficiency, and a comprehensive ecosystem of accessories complements its utility.





## CT32

### Designed for everyday performance

The Honeywell CT32 is an affordable, lightweight, general-purpose rugged 5G mobile computer that provides reliable connectivity, high-speed barcode scanning and data collection, and a long lifecycle.

Designed for retail, logistics, and warehouse applications, the CT32 is the perfect solution for frontline mobile workers who require a rugged and lightweight solution while maintaining a sleek design.

The sleek design of the CT32 weighs 269 grams, is 13.9mm thick, and has a 6-inch Full HD (1080 x 2160) display, this solution enhances comfort, usability, and overall user satisfaction.

Equipped with the latest 5G and Wi-Fi 6E technology for seamless connectivity, delivering an enhanced experience for data-intensive applications.

Equipped with a FlexRange™ engine, users can capture data quacking and accurately from up to 35 feet (11m). The CT32 also features a bright green dot laser, providing superior visibility at long distances and in bright sunlight compared to red lasers.

Built to withstand drops from 1.8 meters (6 feet) with the TPU boot, 1.5 meters (5 feet) without it, and 1,000 tumbles from 0.5 meters, the CT32 is an excellent choice for environments that require durability and reliability. Additionally, it is IP65 and IP68-rated for protection against dust and water.





## CT47

### Built for challenging environments

The CT47 is an ultra-rugged, all-purpose hand-held device, built to handle the toughest environments while providing reliable performance, 5G data connectivity and communications for frontline mobile workers in warehouse, logistics and fieldwork.

Designed for the most challenging environments, the CT47 can withstand up to 8ft drops and over 3,500 real-world tumbles. The enhanced extended and wireless battery options keep the CT47 online throughout the demanding shifts. With ATEX and NI certifications, the CT47 is rated for environments where the presence of explosive gases could potentially be.

Equipped with the latest FlexRange XLR scan engine, the CT47 provides high-powered scanning performance for workers and those that demand the farthest scanning technology.

FlexRange XLR enables virtually every scanning use case in a single, compact device without compromising range or speed, enabling businesses to focus on fewer device types to manage.

The CT47 also comes with the latest 5G and Wi-Fi 6E technology to remain connected in both indoor and outdoor environments.



Use the chart below to quickly and efficiently match customer needs to the appropriate solution.

| TOUCH SCREEN SOLUTION           | CT37                                                                                                                                                                                                                                                                                                   | CT32                                                                                                                                                                                                     | CT70                                                                                                                                                                                                                                                 | CT47                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Android Operating System</b> | Android 14-18+                                                                                                                                                                                                                                                                                         | Android 14-18+                                                                                                                                                                                           | Android 15-20                                                                                                                                                                                                                                        | Android 12-17                                                                                                                                                                                                                                                                                                                                     |
| <b>Lifecycle</b>                | 5+5*                                                                                                                                                                                                                                                                                                   | 5+3**                                                                                                                                                                                                    | 5+5*                                                                                                                                                                                                                                                 | 5+5*                                                                                                                                                                                                                                                                                                                                              |
| <b>Connectivity</b>             | 5G, Wi-Fi 6E and private cellular / CBRS                                                                                                                                                                                                                                                               | 5G and Wi-Fi 6E                                                                                                                                                                                          | 5G, Wi-Fi 7 and Wi-Fi 6E and private cellular / CBRS                                                                                                                                                                                                 | 5G, Wi-Fi 6E and private cellular / CBRS                                                                                                                                                                                                                                                                                                          |
| <b>Scanning Capabilities</b>    | S0703SR Standard;<br>S0803FR FlexRange™;<br>N6700 Healthcare                                                                                                                                                                                                                                           | S0703SR Standard;<br>S0803FR FlexRange™                                                                                                                                                                  | 0703SR Standard;<br>S0803FR FlexRange™;<br>S0903ULR FlexRange™                                                                                                                                                                                       | S0703SR Standard;<br>S0803FR FlexRange™;<br>S0803 XLR                                                                                                                                                                                                                                                                                             |
| <b>Drop</b>                     | Multiple drops to concrete per MIL-STD-810H:<br><ul style="list-style-type: none"> <li>2.1m (7ft) with boot at room temperature</li> <li>1.8m (6ft) at room temperature</li> <li>1.8m (6ft) with boot at -10°C to 50°C (14°F to 122°F)</li> <li>1.5m (5ft) at -10°C to 50°C (14°F to 122°F)</li> </ul> | Multiple drops to concrete per MIL-STD-810H:<br><ul style="list-style-type: none"> <li>1.8m (6ft) with boot -10° to 50°C (14°F to 122°F)</li> <li>1.5m (5ft) at -10°C to 50°C (14°F to 122°F)</li> </ul> | Multiple drops to concrete per MIL-STD-810H:<br><ul style="list-style-type: none"> <li>Multiple 2.4m (8ft) at -20°C to 50°C (-4°F to 122°F) booted</li> <li>Multiple 1.8m (6ft) drops to concrete at -20°C to 50°C (-4°F to 122°F) booted</li> </ul> | Multiple drops to concrete per MIL-STD-810H:<br><ul style="list-style-type: none"> <li>3.0m (10ft) to concrete at room temperature booted</li> <li>2.4m (8ft) to concrete at -20°C to 50°C (-4°F to 122°F) booted</li> <li>2.4m (8ft) to concrete at room temperature</li> <li>1.8m (6ft) to concrete at -20°C to 50°C (-4°F to 122°F)</li> </ul> |
| <b>.5m tumble</b>               | 1,500 0.5m tumbles                                                                                                                                                                                                                                                                                     | 1,000 0.5m tumbles                                                                                                                                                                                       | 3,000 0.5m tumbles                                                                                                                                                                                                                                   | 3,500 0.5m tumbles                                                                                                                                                                                                                                                                                                                                |
| <b>Processor</b>                | QCS4490/QCM4490                                                                                                                                                                                                                                                                                        | QCS4490/QCM4490                                                                                                                                                                                          | QCS6690/QCM6690                                                                                                                                                                                                                                      | QCS6490/QCM6490                                                                                                                                                                                                                                                                                                                                   |
| <b>Battery Spec</b>             | Standard: 3846 mAh<br>Extended: 5550 mAh                                                                                                                                                                                                                                                               | Standard: 4500 mAh                                                                                                                                                                                       | Standard: 4775 mAh<br>Extended: 7692 mAh                                                                                                                                                                                                             | Standard: 4775 mAh<br>Extended: 7692 mAh                                                                                                                                                                                                                                                                                                          |

\*5 years of sales, followed by 5 years of continued hardware & software support

\*\*5 years of sales, followed by 3 years of continued hardware & software support

**The Future is What We Make It. Learn how Honeywell can partner with you to shape the future of your customer experience. Contact a Honeywell representative at 1-800-934-3163 or visit our website.**

#### For more information

visit our [webpage](#) or contact your Honeywell representative.

#### Honeywell Industrial Automation

855 South Mint Street  
Charlotte, NC 28202  
800-582-4263  
[www.honeywell.com](http://www.honeywell.com)

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