

## OVERVIEW

# WT6400 Wearable Computer

The WT6400 is the latest breakthrough in Zebra's wearable computer portfolio, packed with innovations that enable unmatched productivity and worker comfort in hands-free computing workflows in demanding environments, including the warehouse, distribution center and manufacturing plant.



## Features & Benefits

### Top 3 Customer Messages

- 1 The next evolution in wearable ergonomics and comfort**
  - Low profile reduces bulkiness and makes it easier to reach into tight areas
  - Low center of gravity reduces arm fatigue
  - Three wrist straps accommodate user preference and use cases: Single dial, Dual dial and Velcro straps
  - Keypad model offers a keypad that is strategically placed below the display — always in front of the user and accessible by either hand; plus, the keys are optimized for larger fingers and gloves
  - Easy image capture with angled camera — users can see the screen when taking a photo
  - NFC is integrated into the device and clearly marked for easy access

- 2 Keep workers connected and productive with all the right features**
  - Workers can view all the information they need on the large 4.7 in. display — and the touch panel works with heavy gloves
  - Rugged for your toughest environments — drop-proof, tumble-proof, waterproof and dustproof; display is protected with Corning® Gorilla® Glass Victus® 2, Corning's most scratch- and shatter-proof Gorilla Glass yet
  - Freezer-ready with the extended battery<sup>1</sup>
  - Wi-Fi 6E — the fastest, most reliable Wi-Fi; Zebra DNA Fusion's advanced radio and software provide superior 'won't drop' Wi-Fi connections
  - Bluetooth v5.3 delivers more reliable connections, better power efficiency and more
  - Next generation Qualcomm processor can power the apps of today and tomorrow

- 3 Choose the scanner that's right for your workers and your use cases**
  - Looking for extreme comfort? The RS2100 is the world's smallest enterprise wearable scanner, with a unique 'open palm' design that delivers 'bare-hand' style comfort
  - Looking for flexible wearing styles? The RS5100 and RS6100 offer five interchangeable wearing styles, including the Enterprise Hand Mount in a range of sizes for right/left hands
  - Need extraordinary scanning range? The RS6100 scans from near contact to up to 40 ft (12.2m)
  - Need freezer operation or prefer corded scanners? The dual-sided connectors are compatible with the rugged and freezer-ready corded RS5000 and RS4000 scanners

### Additional Differentiating Features

**Good for business — and the environment**  
Sustainable lifecycle from manufacturing to disposal; constructed with over 40% post-consumer recycled plastics and without many major environmental toxins; display is made from 22% recycled glass; 90% biodegradable packaging; and more

**Hot-swappable batteries that power every minute of every shift and clean their own connectors**  
Standard and extended batteries provide full shift power; hot swap support lets workers change the battery mid-task — and without removing the WT6400 from the arm; blade connectors self-clean with every battery insertion and removal

**Simplify every stage of device lifecycle with Zebra DNA**  
The industry's most comprehensive collection of ready-to-use tools — many at no-cost; tools for users make the WT6400 easier to use; tools for IT make the WT6400 easier to integrate, secure, deploy and manage

## Class-defining Ergonomics

- Low profile that's just over a half inch thick: fits in the tightest spaces: workers can reach practically anywhere without obstruction
- Low center of gravity enables perfect balance for extreme comfort and makes wearing practically effortless
- Perfect fit on any size arm, male or female; universal mount works with all three wrist straps — single micro-adjustable dial provides a custom fit that eliminates pressure points; dual dial strap provides a more refined custom fit for maximum comfort; low cost Velcro straps — give each worker their own wrist strap to prevent the spread of germs
- Easy data entry with innovative physical keypad design — keypad is strategically placed below the display where it's always in front of the user and accessible by either hand; reduces device width by nearly 20%<sup>2</sup> for a more compact, well-balanced footprint; keys are optimized for large fingers and gloves
- Effortless battery changes on the fly — no need to remove the WT6400 from the arm
- Better camera experience with 22° angled camera — display is in the natural line of sight for more intuitive, accurate aiming
- Easy to access NFC for split second one-tap pairing of Bluetooth peripherals, such as scanners and headsets

## Competitive Highlights

Following are the key weaknesses of the top competitive product. See the WT6400 Competitive Comparison Excel file for complete competitive information.

### Honeywell CW45



**Shorter Android roadmap.** The CW45 is upgradeable to Android 15 (pending feasibility), while the WT6400 will support two additional OS versions to Android 17 for superior OS future-proofing; customers can count on access to the latest Android features for years to come.

**Older generation slower processor.** The CW45 is built on an older and less powerful processor: Qualcomm® QCS4290/QCM4290 octa-core, 2.0 GHz versus WT6400's next generation Qualcomm QCS4490 octa-core, 2.4 GHz.

**Inferior memory technology.** While both products offer 6 GB RAM, the WT6400 uses next generation LPDDR5 RAM, which is 1.5x faster with up to 20% power reduction compared to LPDDR4X, the prior generation RAM in the CW45. For users, this means faster application performance and longer battery runtimes.

**Inferior Wi-Fi connectivity.** The CW45 offers Wi-Fi 6 only, and not Wi-Fi 6E. Wi-Fi 6E provides the most bandwidth, capacity and fastest connections available for a Wi-Fi network. In addition, the advanced Zebra-only features in Wireless Fusion (included as part of Zebra DNA) provide proprietary Wi-Fi radio hardware and software that keep on the move workers connected as they roam throughout a facility.

**Inferior Bluetooth connectivity.** Bluetooth 5.1 versus Bluetooth 5.3. Bluetooth 5.3 offers better energy efficiency for longer battery run times, less interference for more reliable connections, greater connection security and better sound quality.

**Less rugged touchscreen.** The WT6400 is built with Corning's toughest glass yet, Corning® Gorilla® Glass Victus® 2, while the CW45 supports Corning® Gorilla® Glass 5.

**Limited scanning options.** The CW45 is compatible with Honeywell's 8675i (SR or FR) corded or Bluetooth scanner and offers fewer scanning features and options than Zebra. Key gaps include: no freezer support, smaller scanning range, inability to switch hands on the fly and fewer wearing/mounting options.

**Rear camera is harder to use.** It can be awkward to take a photo with the CW45, as the user needs to twist and rotate their wrist to see the screen. The WT6400's camera is angled at 22°, keeping the display in the natural line of sight for more seamless, accurate aiming.

**Inferior keypad operation.** The CW45's external keypad option has numerous weaknesses: 1) it's secured with two screws, creating potential vulnerability points, especially in a device that is likely to be bumped regularly by workers reaching into bins and shelves to retrieve items; 2) it does not work with the charger; 3) it can be installed on the right side only; 4) keypad is longer on the arm, potentially impacting comfort and device balance; 5) narrow keys are harder to use, particularly for larger fingers or gloved use.

**Lacks freezer option.** The CW45 does not offer a freezer-rated battery. The WT6400's extended battery can support operating temperatures down to -22F (-30C), while CW45 is rated only to -4F (-20C).

**Less secure.** The CW45 does not have published support for FIPS 140-2, secure boot and verified boot.

**Inferior battery features.** Lacks self-cleaning blade connectors; limited battery metrics for visibility into battery health.

**Less rugged drop spec.** While both products support a similar 6 ft (1.8m) drop spec, the WT6400 offers a more rugged 4 ft (1.5m) drop spec: the testing temperature range is much greater (freezer temperatures) and the testing criteria exceeds MIL-STD-810H standards.

**Light in software, solutions and enterprise accessories.** Honeywell's Mobility Edge is seven years behind Mobility DNA; no ready-to-use proven push-to-talk and other communication solutions; less comprehensive accessory ecosystem.

## Objection Handling

Technology Decision Maker: Purchasing	Technology Decision Maker: Purchasing	Technology Decision Maker: Purchasing
<b>“We’ve relied on our WT6300 wearable scanners for years. Why should we upgrade them now?”</b>	<b>“Why would I migrate from the WT6300 to the WT6400 when the WT5400 looks similar and costs less?”</b>	<b>“Why would I purchase a WT6400 since it doesn’t have an integrated scanner? I’ll have to buy two devices, driving costs and the complexity of my mobility solution up.”</b>
<b>Response:</b>	<b>Response:</b>	<b>Response:</b>
<p>The WT6400 is packed with innovations that enable unmatched productivity increases — so your team can keep up with skyrocketing orders, tighter delivery schedules and other business challenges. Advancements over the WT6300 include:</p> <ul style="list-style-type: none"> <li>• More than double the display area with minimal increases in device size and weight; workers can view more information with less scrolling</li> <li>• 13 MP side facing camera. For example, workers can take a photo to capture proof of damaged goods in incoming shipments and customer returns</li> <li>• Faster, next generation platform with the latest wireless connectivity drives faster, more responsive application performance: next generation Qualcomm processor, double the RAM, Wi-Fi 6E, Bluetooth V5.3 and more</li> <li>• Innovative keyboard design offers easy access for both right and left hand users; key size and spacing make typing easy for every worker even with heavy gloves for greater data entry accuracy</li> <li>• Enhanced ergonomics, including a lower profile above the arm that improves user comfort and makes it easier to pick in tight locations</li> </ul>	<p>The right solution depends on your use cases and environment. The WT6400 is designed for use in warehouses and manufacturing plants, where the WT5400 is designed for use in retail stores.</p> <ul style="list-style-type: none"> <li>• Do workers wear gloves? The WT6400’s touch panel supports heavy gloves, while the WT5400 support light gloves. Plus, the WT6400 offers a keypad model that is optimized for gloves and large fingers</li> <li>• Is enhanced ruggedness important? The WT6400 adds a rugged bezel that protects the display and is fortified with Corning Gorilla Glass Victus 2, the most scratch-/shatter-proof Gorilla Glass yet</li> <li>• Do you prefer corded scanners? The WT6400 has rugged dual-sided connectors to connect Zebra’s rugged RS5000 and RS4000 scanners</li> <li>• Do you have cold chain/freezer use cases? The WT6400 with the extended battery operates down to -22F (-30C)</li> <li>• Would a camera enhance workflows? A 13MP side-facing camera makes it easy for workers to capture proof of condition, or scan their badge to log in to the device</li> <li>• Would you prefer a hot-swappable battery? Workers can change a battery mid-task without losing their place or data</li> </ul>	<p>The reason can be summed up in one word — productivity. Rather than tying up a worker’s hand with a handheld scanner or handheld mobile computer, the WT6400 paired with a wearable scanner enables hands free operation, which maximizes the number of items a worker can move, pick or sort per shift. You can pick the wearable scanner that best suits your requirements:</p> <ul style="list-style-type: none"> <li>• Want a ‘bare palm’ design for the most natural feel? The RS2100 is not only the world’s smallest enterprise wearable scanner, its ‘open palm’ design delivers extreme comfort</li> <li>• Need flexibility? The RS5100 offers five interchangeable wearing styles and two scan engine options</li> <li>• Need to scan near — and far? The RS6100 offers an extraordinary scanning range — from near contact to 40 ft (12.2m)</li> <li>• Want freezer support or prefer a corded scanner? The WT6400’s dual-sided connectors are compatible with the rugged and freezer-ready<sup>1</sup> corded RS5000 and RS4000 scanners</li> </ul> <p>And since the NFC icon is printed right on the device and placed in an easy to reach area, pairing a Zebra Bluetooth scanner with the WT6400 couldn’t be easier</p>

## Key Links

The Source (for internal Zebra only):  
<https://zebra.showpad.biz>

**WT6400 Product Home:**  
[www.zebra.com/wt6400](http://www.zebra.com/wt6400)

**Solutions Pathway:**  
<https://solutionspathway.zebra.com>

**Services:**  
[www.zebra.com/services](http://www.zebra.com/services)

**Support pages:**  
[www.zebra.com/support](http://www.zebra.com/support)

**Mobility DNA:**  
[www.zebra.com/mobilitydna](http://www.zebra.com/mobilitydna)

## Accessories

With a robust accessory ecosystem, your customers can customize their solution, while you increase revenue. Complete a WT6400 solution sale with:

- Mounts: universal arm mount with one of three available mounting strap options — single dial, dual dial and Velcro, plus hip mount
- Zebra Bluetooth and corded scanners: RS2100, RS5100, RS6100, RS4000, RS5000
- Multi-slot charging cradles: 5 devices/5 batteries; 10 devices; 20 batteries; standalone 4 batteries
- Single cradles for desktop use: 1 device/1 battery
- Batteries: standard and extended
- Headsets: HS2100 and HS3100

# Objection Handling (continued)

IT Manager	Operations Manager	Operations Manager
<b>“If I’m going to invest in a new wearable solution, I need to know I’m getting my money’s worth.”</b>	<b>“I’ve always used gun-style terminals – why would I switch to a wearable solution?”</b>	<b>“Why doesn’t the WT6400 offer 5G as well as Wi-Fi? ”</b>
<b>Response:</b>	<b>Response:</b>	<b>Response:</b>
The WT6400 represents the next evolution in wearable ergonomics, comfort and productivity. Compared to the competition, you get a brighter display; a more ergonomic, easy to use ambidextrous device; more advanced memory technology; support for more future versions of Android; a more powerful processor; a more secure device; the flexibility to use corded or Bluetooth cordless scanners; the largest capacity standard battery; a freezer rated battery for freezer operation; self-cleaning battery connectors to improve battery reliability; Wi-Fi 6E for fastest wireless connectivity; the latest Bluetooth protocol, providing increased energy efficiency, less interference and enhanced security; plus the ready-to-use tested, proven and easy to deploy Workcloud Communications solutions that enable two-way radio and PBX handset functionality on the WT6400.	The WT6400 wearable computers are designed for workflows that require the use of both hands most of the time. With a gun-style terminal, workers constantly need to put the device down to handle items. With the wearable WT6400, hands are always free — eliminating the need to constantly set down and pick up a mobile computer, which provides up to a 15% increase in productivity. Unlike wearable devices, handheld devices are easy to drop and misplace. And workers no longer are tempted to juggle a handheld device while picking up box at the same time, reducing the opportunity for improper lifting — and potential injuries.	The WT6400 is designed for use cases inside a facility, where 5G connectivity isn’t required. There’s no need to pay for an additional feature that doesn’t add any value. But these devices do rely on Wi-Fi, which is why they support the best of the best: the latest and fastest available Wi-Fi protocol today — Wi-Fi 6E.

1. Freezer is defined as -30C (-22F) with WT6400 extended battery.  
2. The WT6300 length is 6.25 in (158.7mm) vs. the WT6400 length of 5.22 in (132.5mm), making the WT6400 19.5%+ less wide on the arm.



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## Use Cases

- **Warehousing:** Picking, sorting, receiving/put-away, replenishment, packing, reverse logistics (returns)
- **Manufacturing:** Inventory, put-away, line-side replenishment, Work-in-Process, (WIP), material tracking and tracing, Quality Control, safety testing

## Services

- Manage and Support**  
Zebra OneCare™ Maintenance Plans keep devices operating at peak performance, while eliminating unexpected repair costs. Customers can choose the right level of support they need, then tailor their plan with flexible options like Battery Maintenance or Proactive Battery Replacement services.
- Professional Services**  
Gold Build ensures peak performance with user profiles. Zebra Staging saves time and ensures consistency on an OS version, security and applications. And Zebra can help put together the device, accessories and/or printed collateral into individual or site boxes.
- Actionable Intelligence**  
Zebra VisibilityIQ Foresight™ provides a cloud-based dashboard to view fleet insights across an entire device fleet — making it easy to address potential device issues before business is impacted.