



TC201 Mobile Computer

Building on the proven TC2x Series, the TC201 resets the standard for cost-effective enterprise mobile computing. Purpose-built for frontline workflows, it delivers a substantial performance leap over legacy devices¹, class-leading TC2 Series ruggedness, fast 5G Release 17 and Wi-Fi 7 connectivity, enterprise-grade security and flexible data capture with next-generation scanning and optional RFID. Backward compatibility with most TC2x accessories makes migration to the next evolution easy and affordable.



Top benefits our customers love

1

More productive work, less disruption

- Keeps workers moving with faster app performance, dependable connectivity, and a familiar TC2x experience that is easy to adopt
- Helps support tougher frontline workflows with the most rugged TC2 Series design
- Helps protect devices, data and access with Zebra's layered security approach, giving IT more confidence across the device lifecycle
- Helps reduce downtime during long shifts with user-removable batteries and optional hot swap, so workers can keep apps running during battery changes

2

More ways to capture data and automate work

- Helps workers capture the right data for the job—from everyday barcode scanning to long-range capture, image documentation, and RFID-enabled workflows
- Opens new automation opportunities, such as item finding, package verification, inventory counts and proof-of-condition workflows
- Helps reduce extra steps, bending and climbing with the advanced-range AC670 scanner
- Enables RFID workflows without adding a separate sled on select models, helping simplify device management
- Supports occasional scanning roles with scannerless configurations²

3

Zebra software extends what the TC201 can do

- Zebra DNA Core (no-cost and pre-loaded) gives IT tools to deploy, secure, update and manage devices
- Zebra DNA Core+ upgrade adds premium tools, streamlined data capture, advanced collaboration and Wireless Fusion to help reduce Wi-Fi drops and roaming issues
- Identity Guardian³ ensures only authorized users access devices using facial biometrics and more
- Workcloud Sync³ helps create a more connected, collaborative frontline with push-to-talk, calling, messaging and to-dos
- Workstation Connect turns the TC201 into a wired or wireless workstation on demand

What's new

The TC201 gives TC2x customers a cost-effective path to modernize—with more performance, ruggedness, security and data capture in a familiar TC2x form factor.

More responsive frontline performance: The TC201 moves to the Qualcomm Dragonwing Q-6690, delivering an incredible leap in performance—up to 150% over legacy TC2x devices.

Longer Android roadmap: Support up to Android 19 gives customers a longer standardization window, helping reduce refresh pressure and lifecycle costs.

More rugged and ready for more environments: Improved ruggedness helps customers support tougher workflows, with higher drop specs and operation down to -20°C.

Avoid downtime during battery swaps: Optional hot swap lets workers replace a depleted battery while the device stays on and apps keep running—avoiding shutdowns, restarts and lost productivity.

Capture more data, faster: The TC201 adds new scan choices including AC670 Advanced Range for barcodes up to 100 ft. (30 m) away and high-resolution color image capture, plus SR500, SR560 angled scanner⁴ and scannerless configurations².

Add RFID without adding a sled: Select TC201 models add built-in short-range UHF RFID up to 4 ft. (1.2 m), opening RFID use cases while reducing the need to manage separate accessories.

Faster, future-ready wireless: 5G 3rd Gen Release 17, Wi-Fi 7 and Bluetooth 6.0 help workers stay connected with higher capacity, lower latency and a wireless foundation built for future network needs.

Stronger endpoint protection: Optional Android Strongbox/Secure Element support adds hardware-based protection as part of Zebra's layered defense strategy, helping protect devices, data and access.

Simpler device locationing: An integrated secondary BLE enables Device Guardian³ locationing workflows without optional BLE batteries—simplifying deployment.

Clearer communication in noisy settings: AI audio helps reduce background noise so workers can hear and be heard more clearly on calls and push-to-talk communications.

Cost-effective upgrade path: The TC201 is built around the proven TC2 Series form factor and remains backward compatible with most existing TC2x accessories, including chargers⁵ and batteries—helping customers protect prior investments while upgrading to the latest technology.

Competitive products

Review the top selling points for the top competing products. You can find detailed information in the TC201 Competitive Comparison Matrix.

Honeywell CT37



Less advanced processor for future workflows

CT37 uses a Qualcomm QCS4490/QCM4490 platform, which is a full class below TC201's Dragonwing Q-6690. The Q-6690 is built to support modern, cloud-based AI applications and responsive frontline performance. It uses a higher-performance core layout, a stronger Adreno GPU, and a much more capable Hexagon NPU.

Less comprehensive security

CT37 does not specify FIPS 140-3, Common Criteria certification, or biometric secure authentication; Honeywell Sentinel provides more limited OS security updates.

Wireless connectivity is a generation behind

The CT37 lags a generation behind in connectivity—Wi-Fi 6E and Bluetooth 5.3 vs. the TC201's Wi-Fi 7 and Bluetooth 6.0.

Lacks integrated RFID option

CT37 does not offer integrated UHF RFID and requires an IH45 RFID reader accessory for UHF RFID workflows. The TC201 can support integrated short-range UHF RFID—helping reduce the need to manage separate sleds and accessories.

Inferior data capture support

Zebras AC670 offers 3x longer scanning range vs. Honeywell's FlexRange S0803; Honeywell's scanner does not offer color image capture; CT37 has a lower resolution rear camera.

Limited solutions

Honeywell's Device Finder software offers basic device recovery only and CT37 does not support a second BLE for locationing; Honeywell's Display Dock is less capable with mirroring only; Honeywell offers limited OCR capabilities.

Honeywell CT32



Inferior ergonomics

CT32 is roughly 11% thicker and 10% heavier than TC201.

Less advanced processor for future workflows

CT32 uses a Qualcomm QCS4490/QCM4490 platform, which is a full class below TC201's Dragonwing Q-6690. The Q-6690 is built to support modern, cloud-based AI applications and responsive frontline performance. It uses a higher-performance core layout, a stronger Adreno GPU, and a much more capable Hexagon NPU.

Less comprehensive security

CT32 does not specify FIPS 140-3, Common Criteria certification, Secure Element/Android Strongbox or biometric secure authentication; Honeywell Sentinel provides more limited OS security updates.

Wi-Fi and Bluetooth are a generation behind

The CT32 lags a generation behind in connectivity—Wi-Fi 6E and Bluetooth 5.3 vs. the TC201's Wi-Fi 7 and Bluetooth 6.0.

Lacks integrated RFID option

CT32 does not offer integrated UHF RFID and requires a separate RFID reader accessory for UHF RFID workflows.

Inferior data capture support

Zebras AC670 offers 3x longer scanning range vs. Honeywell's FlexRange S0803; Honeywell's scanner does not offer color image capture; CT32 has a lower resolution rear camera.

Limited solutions

CT32 does not offer hot swap capability; Honeywell's Device Finder software offers basic device recovery only and CT32 does not offer a second BLE for locationing; Honeywell's Display Dock is less capable with mirroring only; Honeywell offers limited OCR capabilities.

Datalogic Memor 12/17



Less advanced processor for future workflows

Memor 12/17 uses a Qualcomm QCS4490/QCM4490 platform, which is a full class below TC201's Dragonwing Q-6690. The Q-6690 is built to support modern, cloud-based AI applications and responsive frontline performance. It uses a higher-performance core layout, a stronger Adreno GPU, and a much more capable Hexagon NPU.

Less comprehensive security

Memor 12/17 does not specify FIPS 140-3, Common Criteria certification, Secure Element/Android Strongbox or biometric secure authentication.

Wireless connectivity is a generation behind

Memor 12/17 lags a generation behind in connectivity—5G Rel 16, Wi-Fi 6E, and Bluetooth 5.3 vs. the TC201's 5G Rel 17, Wi-Fi 7, and Bluetooth 6.0.

Less rugged

Memor 12/17 has lower sealing, drop, and tumble specifications.

Lacks integrated RFID option

Memor 12/17 does not offer integrated UHF RFID.

Inferior data capture support

Memor 12/17 does not offer an advanced range scan option or a solution for color image capture; Memor 12/17 has a lower resolution rear camera.

Limited solutions

Memor 12/17 does not offer an extended battery option; lacks a specified lost device recovery solution; no workstation solution; limited OCR capabilities.



Competitive products

Review the top selling points for the top competing products. You can find detailed information in the TC201 Competitive Comparison Matrix.

Urovo DT610



Less comprehensive security

DT610 does not specify FIPS 140-3, Common Criteria certification, Secure Element/Android Strongbox or biometric secure authentication

Less rugged

DT610 has lower sealing, a lower drop specification, and lacks a published tumble specification

Inferior data capture support

DT610 does not offer an advanced range scan option or a solution for color image capture like Zebra's AC670; DT610 only offers one scan engine option

Inferior integrated RFID support

DT610 offers integrated UHF RFID, but its listed read rate is 50 tags per second. The TC201's optional integrated short-range UHF RFID reads more than 200 tags per second, helping workers capture inventory, locate assets and verify items faster

Limited solutions and software

Urovo lacks a lost device recovery solution and first-party PTT solution; lacks secure biometric authentication; Zebra DNA gives customers a broader enterprise ecosystem for staging, security, troubleshooting, wireless performance, device recovery, and access management

Samsung XCover7 Pro



Less rugged

XCover7 Pro offers IP68 sealing, but does not specify IP65 protection against jetting water; its drop specification is less rugged (test temperature is not specified) and it lacks a published tumble specification

Less comprehensive security

XCover7 Pro does not specify FIPS 140-3, Common Criteria certification, or Secure Element/Android Strongbox

Inferior data capture support

XCover7 Pro lacks RFID support; relies on camera-based scanning only—does not offer an integrated scan engine

Wi-Fi and Bluetooth are a generation behind

XCover7 Pro lags a generation behind in connectivity—Wi-Fi 6E and Bluetooth 5.4 vs. the TC201's Wi-Fi 7 and Bluetooth 6.0

Limited battery capabilities

No hot swap option; no extended capacity battery option

Limited solutions and software

Samsung's software ecosystem is limited compared to Zebra DNA; its device recovery is not built for the enterprise; PTT requires a third-party vendor

Bluebird X40



Less rugged

X40 offers IP68 sealing, but does not specify IP65 protection against jetting water; its drop specification is less rugged (4 ft. to tile over concrete without a boot) and its tumble tests are less rugged

Less comprehensive security

X40 does not specify FIPS 140-3, Common Criteria certification, or Secure Element/Android Strongbox

Camera-based scanning only

X40 relies on camera-based scanning; it does not offer an integrated scan engine; this can result in slower performance in scan-intensive workflows

Inferior integrated RFID support

X40 offers integrated UHF RFID, but its listed read rate is 50 tags per second. The TC201's optional integrated short-range UHF RFID reads more than 200 tags per second, helping workers capture inventory, locate assets and verify items faster

Wi-Fi and Bluetooth are a generation behind

X40 lags a generation behind in connectivity—Wi-Fi 6E and BT 5.3 vs. the TC201's Wi-Fi 7 and BT 6.0

Limited solutions

X40 does not offer hot swap; Bluebird's Device Finder software offers basic device recovery only and second BLE is optional; lacks workstation solution

Janam XT4



Inferior ergonomics

XT4 is 22% heavier and nearly 50% thicker than the TC201, making it less comfortable for workers who need a lightweight device for all-day use

Less rugged

XT4 offers IP67 sealing and does not specify IP65 protection against jetting water; its drop specification is less rugged (test temperature is not specified) and it lacks a published tumble specification

Lacks integrated RFID option

XT4 does not offer integrated UHF RFID

Inferior data capture support

XT4 does not offer an advanced range scan option or a solution for color image capture like Zebra's AC670

Wi-Fi and Bluetooth are a generation behind

XT4 lags a full generation behind in connectivity—Wi-Fi 6E and Bluetooth 5.2 vs. the TC201's Wi-Fi 7 and Bluetooth 6.0

Limited solutions and software

Janam lacks an enterprise software ecosystem like Zebra DNA and relies on stock Android tools; lacks a specified lost-device recovery solution, workstation solution, and PTT solution. Zebra DNA gives customers a broader enterprise ecosystem for staging, security, and troubleshooting

Objection handling

Operations manager, Non-Zebra customer

“Why should we choose the TC201 over a consumer device or lower-cost competitor?”

Response

Consumer devices and devices from low-cost suppliers may cost less upfront, but disruptive downtime, support issues and higher repair or replacement costs can quickly erode those initial savings. The TC201 helps protect the long-term investment.

- Many consumer and low-cost devices are not built for constant enterprise use, which can lead to higher failure rates, more replacements and more operational disruption.
- Short consumer lifecycles can create long-term management challenges, as new models arrive frequently and older devices become outdated quickly.
- Without integrated enterprise barcode scanning, workers rely on camera scanning and added software, which can slow repetitive scanning and make the work more physically demanding.
- Limited IT control over OS updates can create risk when devices update before business-critical applications are fully tested.
- With the TC201, Zebra DNA Core is included from day one. Customers can upgrade to DNA Core+ for premium tools, streamlined data capture, advanced collaboration and Wireless Fusion to help reduce Wi-Fi drops, delays and roaming issues.

Operations manager, Zebra customer

“Why should we upgrade our existing devices?”

Response

Legacy TC2 models (TC21/TC26/TC22/TC27) provided a strong platform, and the TC201 builds on that success with a familiar form factor and a smooth migration path. The TC201 isn't just a replacement—it's a future-ready upgrade that brings more productivity, durability, and lifecycle protection to everyday workflows.

- The TC201 is built on the next-generation Qualcomm Dragonwing Q-6690 platform for a major performance leap, delivering up to 150% better performance than legacy TC2x devices to run modern apps without lag.
- With 5G Release 17, Wi-Fi 7 and Bluetooth 6.0, the TC201 is built to deliver faster, lower-latency connections today while supporting future network demands.
- As the most rugged TC2 Series device yet, the TC201 features higher drop and tumble ratings, IP68/IP65 sealing and reliable operation down to -20°C.
- The longer roadmap—from Android 15 with support through Android 19, sales through at least 2030, and support through 2034—helps extend device life and reduce refresh pressure.
- Backward compatibility with most legacy TC2 accessories, including batteries and charging cradles⁵, makes upgrades easier and cost-effective.

Sales/reference materials

The Source (for internal Zebra only):

<https://zebra.showpad.biz/webapp2/home>

Product home:

zebra.com/tc201

Partner Gateway:

<https://partnerportal.zebra.com>

Services:

zebra.com/zebraonecare

Support pages:

zebra.com/support

Zebra DNA:

www.zebra.com/zebradna

Accessories

The TC201 is compatible with most existing TC2 accessories⁵, helping customers protect their investment while opening the door to new workflows and more efficient backroom operations.

Top options:

- Next-generation ShareCradle: The modular ShareCradle system helps extend ROI on cradles and backroom infrastructure. High-density configurations can double device capacity, reduce footprint and simplify mixed-fleet upgrades with tool-less cup and holder swaps
- USB charge cable: Convenient charging option for workers who need to power up outside the backroom
- Rugged boot: Increases drop protection to 6 ft. (1.8 m) to concrete across the operating temperature range
- Spare batteries: standard and extended capacity
- Trigger handle: Makes scan-intensive tasks more comfortable
- Arm mounts: Enable hands-free workflows
- Hand strap: Provides a secure grip and easy portability
- Zebra Workstation Connect or Wireless Workstation Connect: Turn the TC201 into a workstation on demand, reducing the need to purchase and manage workstations

Objection handling

Operations manager, IT manager

"We can't afford disruption from a new mobile computing platform."

Response

The TC201 is engineered to deliver a major technology upgrade without forcing disruptive operational changes. Workers get a familiar device experience, while IT can preserve much of the existing TC2x accessory investment and deploy devices using proven Zebra tools.

- The TC201 offers the same successful TC2 ergonomics, so the device feels familiar in workers' hands.
- Compatibility with most legacy TC2 accessories, including batteries and charging cradles⁵, helps avoid unnecessary rip-and-replace costs.
- Zebra DNA tools such as StageNow and Enterprise Home Screen help simplify staging, deployment and device control.
- Android familiarity helps reduce user training time and supports faster adoption.
- New ShareCradles, trigger handles, wearable arm mounts and workstation options can be added as workflows evolve, without forcing every site to change at once.

Operations manager, IT manager

"How do we know which data capture option is right for our workflows?"

Response

Every workflow captures data differently. The TC201 gives customers a flexible set of data capture options, so they can match the device to the job.

- SR500 standard range scanner supports fast, accurate 1D/2D barcode capture for everyday retail, warehouse and field workflows.
- AC670 advanced range scanner captures barcodes up to 100 ft. (30 m) away—ideal for high-rack pallet labels or items deep inside a truck, helping reduce walking, climbing and safety risk.
- AC670 also supports high-resolution color image capture, helping workers document damaged goods, proof of delivery, or asset condition.
- Scannerless models² support roles that only need occasional barcode capture using the integrated camera and Zebra decoder library.
- Optional integrated short-range UHF RFID supports inventory counts, item finding, asset tracking, tool tracking and package verification—without adding a separate sled.

IT manager, Technology decision maker

"How do we know the TC201 will keep our devices, data and operations secure?"

Response

With Zebra, endpoint security is built in—not bolted on. The TC201 is backed by Zebra's layered defense strategy, helping protect devices, data, access and operations while keeping IT in control.

- LifeGuard™ helps keep devices current with Zebra-validated security updates that protect against evolving threats.
- FIPS 140-3 and Common Criteria support provide independent validation to meet strict corporate and regulatory security compliance standards.
- Optional Android Strongbox/Secure Element support adds hardware-backed protection against physical attacks and unauthorized access.
- Identity Guardian³ and Device Guardian³ help strengthen secure access and locate missing devices, reducing asset loss and exposure risk.
- Zebra DNA Core gives IT built-in tools to simplify setup, lockdown, security, management and troubleshooting across the device lifecycle.

Support solutions

Zebra offers a broad portfolio of services to address your customers' operational needs:

Manage and Support

Zebra OneCare™ Maintenance Plans keep your customers' devices operating at peak performance, while eliminating unexpected repair costs. Customers can choose the right level of support, then further tailor their plan with flexible options like battery, commissioning and logistics services.

A Zebra OneCare contract includes LifeGuard™ for Android™ support, which delivers the regular OS updates required to stay on top of emerging security threats, while allowing your customers to migrate to new versions at their own pace.

Professional Services

Gold Build ensures peak performance through user profiles. Zebra Staging saves time and ensures OS version, security, and applications are consistent on all devices. And Zebra can put together the device, accessories and printed collateral into individual or site boxes.

Actionable Intelligence

Zebra VisibilityIQ Foresight™ provides a cloud-based dashboard to view device inventory insights—making it easy to address potential issues before they impact operations.

1. Compared to TC21/TC26/TC22/TC27. 2. Scannerless models not available in North America. 3. Optional, requires a subscription. 4. SR560 available in APAC/LATAM only. 5. Gen 1 ShareCradles for the TC21/TC26 are compatible with TC201 with a swap of the cups; Gen 1 ShareCradles for the TC22/TC27 are fully compatible with the TC201 (no cup upgrade required).



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