ET51 Android Tablet

The surprisingly rugged, thin and light enterprise tablet with integrated 1D/2D Barcode Scanner

When it comes to choosing a tablet for your business, your workers want sleek consumer styling, while you need enterprise-class durability, data capture and accessories. Now you can have it all with the Android™ ET51 Enterprise Tablet with integrated 1D/2D bar code scanner, the thinnest and lightest Zebra rugged tablet computer. Your workers get a personal tablet that looks and feels just like their own, while you get a device family with the durability, ease-of-use, data capture capabilities and flexibility your business requires. Android provides instant familiarity, enabling rapid adoption and minimal training requirements — while Zebra's powerful Mobility DNA™ provides over a dozen highly valuable tools that boost business-class performance, ease-of-use, security and manageability above the competition. And all the right accessories make this compact 8.4 inch screen model easy to carry everywhere you work.



Built for All-Day Every-Day Business

Rugged and Ready to Use Indoors and Outside
Virtually nothing will stop this tablet — it's built to handle drops to concrete and plywood, rain, snow, dust, extreme heat, subzero temperatures, spilled liquids and even a hose-down at full force. This ET51 model includes an ergonomically designed protective frame that provides a drop specification of 1.2 meters/4 feet to concrete surfaces. The Corning™ Gorilla™ Glass display provides shatter- and scratch-resistance, protecting one of the most vulnerable components on any tablet.

Best-In-Class Brightness and Your Choice of Screen Size
With the ET51, you get class-best brightness that makes the ET51 the easiest to read tablet in virtually any lighting conditions — including bright sunlight. This compact, small and light 8.4 inch model is ideal when size and weight are most important.

Advanced Touchscreen Technology
The high resolution screen delivers sharp text and clear graphics for superior readability. The touchscreen works with a finger — even with a glove — or a passive stylus for more precision. And even if the display is wet, every input mode works.

The Fastest Wireless Connections Wherever There's a Hot-spot
Multiple features boost WiFi network capacity, speed and range for unprecedented WiFi performance. 2x2 Multi-User, Multiple Input, Multiple Output (MU-MIMO) allows access points to communicate with multiple devices simultaneously and shifts processing from mobile devices to access points, extending battery cycle time. WorryFree WiFi delivers near instant application response times, unmatched roaming performance, plus exceptional voice quality and network diagnostics — everything you need to maximize WiFi performance and workforce productivity. Bluetooth 5.0 delivers twice the speed and four times the range with less power compared to 4.x, so you can expect the best performance from your Bluetooth peripherals, including headsets and printers.

The ET51 — the surprisingly rugged, thin and light tablet that's built for business.
For more information, visit www.zebra.com/et5x

Perpetual 24x7x365 Battery Power

To power the longest of shifts, just add a second optional hot-swappable battery via the innovative expansion back to more than double the battery run time. The internal battery in ET51 is field replaceable when needed, extending product life cycle, increasing the return on your investment and protecting workforce productivity.

The Processing Power to Run Even the Most Demanding Apps

Get all the power you need to deliver superior application performance with the ultra-powerful 8-core processor.

Advanced Data Capture

Advanced Enterprise-Class Scanning and More

With the integrated SE4710 scan engine, you can scan 1D and 2D barcodes, getting the performance that sets the industry bar for enterprise-class scanning. PRZM Intelligent Imaging and advanced algorithms deliver first-time, every-time, fast capture of virtually any barcode, in practically any condition — damaged, dirty or poorly printed. For occasional scanning, the integrated 13MP rear-facing color camera captures high resolution photos, videos, signatures and documents.[1]

Video Calls for On-The-Spot Help

The integrated 5MP front camera enables video calling over the WiFi or cellular network, allowing your workers to get instant help from a remote expert, co-worker or supervisor.

Customize Your Tablet with an Unmatched Accessory Family

The Most Charging Options

The unique ShareCradle provides space- and cost-efficiencies in the backroom by providing a common base to charge all your Zebra mobile computers and tablets — just insert the right cups for your devices in the charge bays. And docking station charging solutions offer three USB ports, Ethernet and HDMI, providing all the connectivity you need to use the ET51 as a desktop solution and more. It is also possible to charge the ET51/ET56 tablets via the side USB-C port when a simpler charging solution is needed.

Innovative Expansion Back to Add New Features

Simply replace the standard battery back with a compatible Expansion Back that adds a rotating hand strap and support for an auxiliary battery. The optional hot swappable battery can be added for around-the-clock power.

Mobile Point of Sale (mPOS) Support via Zebra Payment Expansion Backs

The ET51 8 in. tablet with integrated scanner also supports third-party payment expansion backs available from MTI to enable a fully mobile payment (mPOS) solution. Ingenico, Verifone, PAX and Miura payment terminals are supported, as well as magnetic swipe (MSR) and Smartcard reader options.

Simply remove the battery door cover from the ET51 and attach the Zebra Expansion Back to enable mobile payments on the ET51. These products are fulfilled through MTI.

Learn more about mPOS solutions on MTI's eCommerce site,www.armoractive.com/products/zebra-tablet-case.aspx

The Ultimate in Manageability and OS Update Simplicity

Get a Lifetime Security Guard for Android

With Zebra's LifeGuard™ for Android™, you get the security updates you need to keep your Zebra Android devices secure every day they are in service.

Android OS Updates Made Easy

The update process for enterprise-class Android mobile devices is often time-consuming, costly, complex and difficult to track. With LifeGuard Analytics — free with your Zebra OneCare™ Support contract — you can view available Android updates, their priority level and which devices are eligible for the update. You can automatically update devices over the air — and monitor the status of updates in real time. The result? Superior future proofing and a lower total cost of ownership.

The Ultimate in Value with Mobility DNA — Only From Zebra

Improve Ease-of-Use, Manageability, Performance, Security and Application Development Simplicity

Mobility DNA's large family of applications makes Zebra Android devices easier to use. For example, easily track and find misplaced devices with Device Tracker. Identify device issues that can be repaired on site to eliminate needless trips to the Zebra Repair Center — and device downtime — with Device Diagnostics. Easily stage devices for use — including disabling any Google Mobile Services (GMS) that come standard with Android that may not be suitable for use in your business. Enable workers to use only the applications and device features you specify with Enterprise Home Screen. Create a customized onscreen keyboard that enables faster data entry with Enterprise Keyboard. And much more.

Specifications

Physical Characteristics

Dimensions	8.4 in. tablet: 9.7 in. W x 6.5 in. H x 1.1 in. D 246 mm W x 164 mm H x 27 mm D
Weight (Battery included)	ET51 8.4 in.: 740 grams/1.6 lbs
Display	8.4 in./21.3 cm; 720 nits Supports up to 2560x1600 Corning Gorilla Glass; daylight viewable
Touch Panel	Capacitive 10 point multi-touch
Keyboard Options	Virtual; Bluetooth™
Expansion	Integrated connector to easily add accessories
Connectivity	USB-C, Rugged connector for use with rugged dock (charge and data)
Notification	LED flash; barcode decode; system and OS notification LED indicator; charge LED indicator
Audio	Stereo speakers and dual front-facing microphones

Performance Characteristics

CPU	Qualcomm Snapdragon™ 660 octa-core 2.2 GHz
Operating System	Upgradeable to Android 14
Memory	4GB LPDDR4 SDRAM Discrete/32GB MLC eMMC Flash; user accessible micro SDXC card slot (standard supports up to 256GB)

User Environment

Operating Temp.	-4° F to 122° F/-20° C to 50° C
Storage Temp.	-4° F to 140 ° F/-20° C to 60° C
Drop Specification	4 ft./1.2 m to concrete or 5 ft./1.5 m to plywood per MIL-STD-810G
Sealing	IP65
Vibration	Random: 0.02^2/Hz, 20Hz to 2khz 4g RMS 1 hour per axis
Humidity	10% to 90% non-condensing

Power

Battery User Profile	Ample power for a full shift; continuous operation is enabled with the secondary optional battery
Battery	6440 mAhr, 3.8V, rechargeable Li-Polymer; user replaceable (24.4 Whr) Optional hot swappable 3400mAh , 7.2V (24.4Whr) USB-C charging: Supports USB-PD (Power

Wireless Communications

WiFi (WLAN)	WLAN: 802.11 a/b/g/n/d/h/i/k/r/ac; IPv4; IPv6; dual band 2x2 MIMO for transmit and receive
Bluetooth (WPAN)	Bluetooth v5.0 / 2.1+EDR Class 2 (Bluetooth LE)
NFC	P2P: ISO 18092; Reader/Writer: ISO 14443 –A-B, MIFARE, FeliCa™, ISO 15693, NFC Forum Tag Types 1 to 4; Card emulation: ISO 14443 –A-B-B', MIFARE, FeliCa RF

Sensors

Gyroscope	Maintains orientation based on principles of conservation of angular momentum
Motion Sensor	3-axis accelerometer that enables motion sensing applications for dynamic screen orientation and power management
Ambient Light Sensor	Automatically adjusts display brightness, display backlight

Peripherals and Accessories

Accessories include: ShareCradles (4-slot); docking stations; single slot charge or charge/communication cradles; 4-slot optional battery charger; expansion back with accessories like the rotating hand strap and optional battery; passive stylus and USB-C charging

Regulatory

For Regulatory information, please visit www.zebra.com/et5X

Warranty

Subject to the terms of Zebra's hardware warranty statement, the ET51 Enterprise Tablet is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, go to: http://www.zebra.com/warranty

Recommended Services

Zebra OneCare Select and Essential Support Services (www.zebra.com/zebraonecare) maximize the availability and productivity of your devices. Features include 24/7 technical support, device diagnostics, comprehensive coverage, advance replacement and software updates. Optional Visibility Services are available.

Footnotes

1. The integrated rear color camera does not offer PRZM, Zebra's advanced scanning algorithms or Intelligent Document Capture. Those options are only available on Zebra scanners that are integrated via the expansion pack and Zebra's Bluetooth scanners, such as the RS6000 ring scanner, the CS4070 pocketable companion scanner and Bluetooth handheld scanners.
For details related to Common Criteria support, please visit: www.zebra.com/commoncriteria

Markets and Applications

Retail

- Inventory management
- Assisted selling
- Price verification
- Mobile Point-of-Sale
- Line busting

Field Service

- Mobile dispatch
- Work order management
- Asset tracking
- Maintenance/inspection
- Meter reading

Field Sales

- Route accounting/DSD
- Customer relations
- Pre-sales/order management
- Merchandising/survey
- Mobile payment

Warehouse and Distribution

- Warehouse and yard management
- Returns processing
- EDI transactions

Manufacturing

- Inventory management
- Supply-line replenishment
- Safety testing
- Maintenance/repair
- Compliance verification
- Receiving/put away/shipping

Power

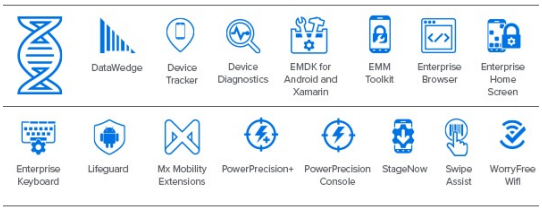
	Delivery) charging on USB-C connector up to 18W (9V and 12V modes) via Zebra's power supply (PWRWUA5V12W0) and cable (CBL-TC2X-USBC-01)

Data Capture

Scanning	Integrated SE4710 standard range 1D/2D scan engine
Rear Camera	Image capture: 13MP auto-focus camera with user controllable LED flash, illumination and aiming; photographs, video, signatures and documents
Front Camera	5MP 1080p full HD optimized for video collaboration and low lighting conditions
Video	1080p (Full HD, 1920 x 1080), frame rate = 30fps

Mobility DNA

Mobility DNA solutions help you get more value out of our mobile computers by adding functionality as well as simplifying deployment and management of our mobile devices. For more information on these Zebra-only features, please visit www.zebra.com/mobilitydna
Mobility DNA is available on Android only. Features may vary by model and a Support Contract may be required. To learn what solutions are supported, please visit https://developer.zebra.com/mobilitydna



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