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ET51/ET56 Windows Enterprise Tablet

The Surprisingly Rugged, Thin and Light Tablet

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 an accessory family that allows you to create the perfect tablet solution for your environment, workers and apps. Now you can have it all with the ET51 and ET56 Enterprise Tablets. The thinnest and lightest of the full line of Zebra rugged tablet computers, the ET51 and ET56 provide your workers with the same great styling they love on their personal tablet. You get a tablet built to handle all-day, everyday business, inside and outside your four walls. Both the compact 8.4 inch or full-size 10.1 inch model have bright, daylight viewable displays, and are loaded with features that make data capture easy. And a wide range of accessories boost ruggedness, simplify charging, extend battery life and make this tablet easy to carry and easy to wear. The ET51/ET56 Enterprise Tablets — all the features your business needs, with the consumer good looks your workers want.

The Corning® Gorilla® Glass display provides shatter- and scratch-resistance, protecting one of the most vulnerable components on any tablet. And vibration testing ensures this tablet is ideal for use in practically any vehicle, from forklifts in a warehouse to delivery and other trucks out on the road.

Class-best brightness and your choice of screen size
The compact, small and light 8.4 in. model is ideal when size and weight are most important. The 10.1 in. model is ideal for information intensive apps, providing maximum display area. No matter which display you choose, you get class-best brightness that makes the ET51/ET56 the easiest to read tablets in virtually any lighting conditions — including bright sunlight.

Advanced touchscreen technology
Workers can choose their preferred data input mode: a finger, with or without a glove; or a passive stylus for more precision. And every input mode works, even if the display is wet.

The fastest wireless connections inside and outside the four walls
With support for 802.11, the ET51 and ET56 work on virtually any WiFi network. And with support for LTE on the ET56, you can give workers in the field a dependably fast cellular connection just about anywhere in the world. The result? The constant connectivity your workforce needs to improve productivity and customer service quality.

Built for all-day every-day business

Rugged and ready to use indoors and outside
Virtually nothing will stop your tablets from delivering the reliable operation you need — it's built to handle drops to concrete, rain, snow, dust, extreme heat, subzero temperatures, spilled liquids and even a hose-down at full force. And you can virtually double the concrete drop specification from 3.2 ft./1 m to 5.9 ft./1.8 m with the optional rugged frame.

The ET51/ET56 — the surprisingly rugged, thin and light tablet.
For more information, visit www.zebra.com/et5x

Perpetual 24x7x365 power

The removable battery ensures that the ET51 and ET56 never need to be taken out of service to charge — just swap in a fully charged battery at any time. And if you're looking 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 power to run the most demanding apps

The fast ultra-low power processor combines with plenty of memory, allowing workers to run multiple apps simultaneously. And the processor minimizes power consumption, extending useful battery life.

Advanced data capture

Advanced enterprise-class scanning

Add the Zebra enterprise-class SE4710 scan engine for light scanning or SE4750 scan engine for moderate to heavy scanning via the easy to install and easy to use expansion pack. Or pick any Zebra Bluetooth scanner to pair with your tablet. And for occasional imaging, just use the integrated 8MP rear-facing color camera.* No matter which scanning option you choose, you can count on superior scanning performance. Our scanners offer PRZM Intelligent Imaging and the advanced algorithms that Zebra is famous for, providing your workers with first-time every-time fast capture of virtually any 1D or 2D barcode in any condition — damaged, dirty or poorly printed.

Video calls for on-the-spot help

The integrated 2MP 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 solution with an unmatched accessory family

The most charging options

Charging solutions that mount on a wall or sit on a desktop enable charging anywhere in your facility. 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. Charge the tablets in cars, trucks, forklifts and more with third-party vehicle cradles for cars and vehicle mounts. And docking station charging solutions available for either the standalone tablet or the tablet inside the rugged frame offer three USB ports, Ethernet and HDMI, providing all the connectivity you need to use the ET51/ET56 as a desktop solution and more. Or merely utilize charging through the USB-C port.

Innovative Expansion Back to add new features

Simply replace the standard battery back with one of three Expansion Backs to add a rotating handstrap, or the SE4710 or SE4750 enterprise scan engine with a rotating handstrap. And the optional hot swappable battery can be added to any Expansion Back for around-the-clock power.

Flexible 'wearability'

One flexible case provides your workers with three 'wearable' options: in a holster on a belt, in an over-the-shoulder strap or a cross-body strap.

Unsurpassed service

Extraordinary 'cover everything' service

Zebra OneCare sets the industry standard for repair services, keeping your ET51 and ET56 tablets up, running at peak performance — and in like new condition. Choose the level of service that fits your needs and your budget. And no matter which level you choose, you get comprehensive coverage that literally covers everything — normal wear and tear and accidental damage. And since nobody knows our products better than we do, you get unparalleled from-the-manufacturer expertise.

ET51/ET56 Enterprise Tablet

Physical Characteristics

Dimensions	8.4 in. tablet: 9 in. W x 5.9 in. H x 0.5 in. D/ 228 mm W x 150 mm H x 12.7 mm D 10.1 in. tablet: 10.6 in. W x 7.1 in. H x 0.5 in. D/ 269 mm W x 181 mm H x 12.7 mm D
Weight	8.4 in.: 1.26 lbs./570 g; 10.1 in.: 1.69 lbs./765 g
Display	8.4 in.: 21.3 cm; 720 nits 10.1 in.: 25.7 cm; 540 nits Supports up to 2560x1600; Corning Gorilla Glass; daylight viewable
Touch Panel	Capacitive 10 point multi-touch
Keyboard Options	Virtual; Bluetooth®; USB
Expansion	Integrated connector to easily add accessories
Connectivity	Docking connector (charge and data) Rugged connector for use with rugged doc (charge and data) USB-C port (data or charging)
Notification	LED flash; barcode decode;** camera LED indicator
Audio	Stereo speakers and dual front-facing microphones

Performance Characteristics

CPU	Intel Atom A3940 quad core 1.6 GHz (Turbo Frequency = 2.0 GHz) Frequency supports 64 bit OS
Operating System	Windows 10 IoT Enterprise
Memory	4GB LPDDR4 RAM; 64GB eMMC Flash; User accessible micro SDXC card slot (standard supports up to 2TB)

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	Standard: 3.28 ft./1 m to concrete per MIL-STD-810G With optional rugged frame: 5.9 ft./1.8 m to concrete per MIL-STD-810G
Sealing	IP65
Vibration	Random: 0.02²/Hz, 20Hz to 2khz 4g RMS 1 hour per axis
Humidity	5% to 95% non-condensing

Power

Battery User Profile	Ample power for a full shift; continuous operation is enabled with the secondary optional battery
Battery	8.4 in.: 3300 mAh 7.6V rechargeable Li-Ion; user replaceable (25 Whr) 10.1 in.: 4950 mAh 7.7V rechargeable Li-Ion;

Wireless Communications

WiFi (WLAN)	802.11 a/b/g/n/ac/r/k/v; dual band 2x2 MIMO for transmit and receive
Cellular (WWAN) (ET56 only)	Global LTE North America: AT&T LTE Verizon LTE
Bluetooth (WPAN)	Class 1, Bluetooth v4.2 (Bluetooth LE)
GPS	GNSS supports GPS, Galileo and Glonass with LTO technology for Assisted-GPS without sacrificing autonomous operation
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, keypad and display backlight
Electronic Compass	Independent — does not depend on GNSS

Peripherals and Accessories

Accessories include: ShareCradles (4-slot); docking stations; vehicle mount cradle (third party); single slot charge cradle; 4-slot optional battery charger; rugged frames; expansion back to easily add accessories (scanner/hand strap and optional battery bay or hand strap); passive stylus; holster; shoulder strap; charging cables and more

Regulatory

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

Warranty

Subject to the terms of Zebra's hardware warranty statement, the ET51/ET56 Enterprise Tablets are 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.

Markets and Applications

Field Service

• Mobile dispatch
• Work order management
• Asset tracking
• Maintenance/inspection
• Meter reading
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Field Sales

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

Transportation and Logistics

• PoD/DSD sign off
• Yard and warehouse management
• Routing/scheduling
• Cargo/container tracking
• Fleet maintenance
• Asset management
•

Retail

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

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
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Power

	user replaceable (38 Whr) Optional hot swappable 7.2V @ 3400mAh (24.4Whr) secondary battery (equivalent to 3.6V @ 6800mAh) USB-C charging: Supports USB-PD (Power Delivery) charging on USB-C connector up to 18W (9V and 12V modes) via Zebra's power supply (PWRWUA5V12W0) and cable (CBLTC2XUSBC-01)

Footnotes

*The integrated 8MP 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. **Decode available when equipped with optional barcode scanner back.

Data Capture

Scanning	Available through the expansion back accessory: SE4750 or SE4710 integrated advanced imagers with hardware decoding
Rear Camera	Image capture: 8MP auto-focus camera with user controllable LED flash, illumination and aiming; photographs, video, signatures and documents
Front Camera	2MP 1080p full HD optimized for video collaboration and low lighting conditions
Video	1080p (Full HD, 1920 x 1080), Frame rate = 30fps