Specifications

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 dock (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 E3940 quad core 1.6 GHz (Turbo Frequency = 1.8 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: 0.02^2/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; 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)

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

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); keyboard case for 2-in-1 use; 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

Markets and Applications

Field Service
- Mobile dispatch
- Work order management
- Maintenance/ inspection

Field Sales
- Route accounting/ DSD
- Merchandising/ survey
- Mobile payment

Transportation and Logistics
- PoD/DSD sign off
- Routing/scheduling
- Cargo/container tracking
- Fleet maintenance

Retail
- Inventory management
- Assisted selling
- Line busting

Warehouse and Distribution
- Warehouse and yard management
- EDI transactions

Manufacturing
- Supply-line replenishment
- Safety testing
- Maintenance/repair
- Compliance verification

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

*   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.

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Specifications

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 (Battery included)	ET51 8.4 in.: 1.12 lbs/514 g ET56 8.4 in.: 1.15 lbs/527 g ET51/56 10.1 in.: 1.60 lbs/745.5 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-C
Expansion	Integrated connector to easily add accessories
Connectivity	Docking connector (charge and data) Rugged connector for use with rugged dock (charge and data) USB-C port (data or charging)
Notification	LED flash; barcode decode;[2]; 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	Android 10; upgradeable through A11/ R[3]
Memory	4GB LPDDR4 SDRAM Discrete / 32GB MLC 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: 3.3 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: 0.02^2/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.: 6440 mAhr, 3.8V, rechargeable Li-Polymer; user replaceable (24.4 Whr) 10.1 in.: 9660 mAhr, 3.85V rechargeable Li-Polymer; user replaceable (37.1 Whr) Optional hot swappable 3400mAh , 7.2V (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 (CBL-TC2XUSBC-01)

Data Capture

Scanning	Available through the expansion back accessory: SE4750 integrated advanced imager with hardware decoding
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

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
Cellular (WWAN) (ET56 only)	Global LTE (data only) North America LTE (data only): AT&T and Verizon
Bluetooth (WPAN)	Bluetooth v5.0 / 2.1+EDR Class 2 (Bluetooth LE)
GPS (ET56 only)	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

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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

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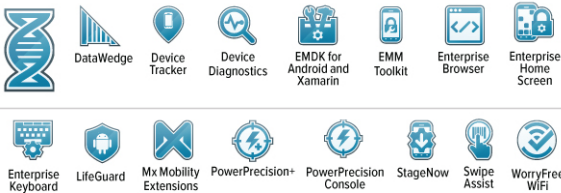
Footnotes

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2. Decode available when equipped with optional barcode scanner back.

3. Support for future Android OS released past A11/R, are subject to Qualcomm validation.

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

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