ET51 & ET56
Android and Windows

Configuration & Accessories Guide

Designed to assist customers and partners with model and configuration guidance

February 2020
<table>
<thead>
<tr>
<th>Feature</th>
<th>ET51</th>
<th>ET56</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camera</td>
<td>Front, Rear</td>
<td>Front, Rear</td>
</tr>
<tr>
<td>Battery Life</td>
<td>Up to 10 hours</td>
<td>Up to 10 hours</td>
</tr>
<tr>
<td>Operating System</td>
<td>Android 11</td>
<td>Android 11</td>
</tr>
<tr>
<td>Processor</td>
<td>Qualcomm Snapdragon</td>
<td>Qualcomm Snapdragon</td>
</tr>
<tr>
<td>Memory</td>
<td>8 GB</td>
<td>8 GB</td>
</tr>
<tr>
<td>Storage</td>
<td>128 GB</td>
<td>128 GB</td>
</tr>
<tr>
<td>RAM</td>
<td>4 GB</td>
<td>4 GB</td>
</tr>
<tr>
<td>Screen Size</td>
<td>10.1”</td>
<td>10.1”</td>
</tr>
<tr>
<td>Weight</td>
<td>950g</td>
<td>950g</td>
</tr>
<tr>
<td>Connectivity</td>
<td>Wi-Fi, Bluetooth, NFC</td>
<td>Wi-Fi, Bluetooth, NFC</td>
</tr>
<tr>
<td>Operating Temp</td>
<td>0°C to 45°C</td>
<td>0°C to 45°C</td>
</tr>
</tbody>
</table>

Note: The above configuration matrix is a general overview and may vary depending on the specific model and firmware updates.
## Configuration Matrix

<table>
<thead>
<tr>
<th>CONFIGURATION OPTIONS</th>
<th>ET5XXX – XXXX – XXXX</th>
<th>OPTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Radio</strong></td>
<td></td>
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<tr>
<td>ET51XX – XXXX – XXXX</td>
<td></td>
<td>1</td>
<td>Wi-Fi (no WAN)</td>
</tr>
<tr>
<td>ET56XX – XXXX – XXXX</td>
<td></td>
<td>6</td>
<td>WAN</td>
</tr>
<tr>
<td><strong>Modems - Region</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>ET5XAX – XXXX – XXXX</td>
<td></td>
<td>A</td>
<td>No WAN – WLAN only - Intel</td>
</tr>
<tr>
<td>ET5XBX – XXXX – XXXX</td>
<td></td>
<td>B</td>
<td>WAN – Worldwide Intel / Telit</td>
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<tr>
<td>ET5XCX – XXXX – XXXX</td>
<td></td>
<td>C</td>
<td>No WAN - LAN Only - Qualcomm</td>
</tr>
<tr>
<td>ET5XDXX – XXXX – XXXX</td>
<td></td>
<td>D</td>
<td>WAN - Worldwide - Qualcomm</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td></td>
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</tr>
<tr>
<td>ET5XXE – XXXX – XXXX</td>
<td></td>
<td>E</td>
<td>Eight Inch (8.4&quot;)</td>
</tr>
<tr>
<td>ET5XXT – XXXX – XXXX</td>
<td></td>
<td>T</td>
<td>Ten Inch (10.1&quot;)</td>
</tr>
<tr>
<td><strong>OS Key</strong></td>
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<tr>
<td>ET5XXW – XXXX – XXXX</td>
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<td>W</td>
<td>Windows</td>
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<td>ET5XXG – XXXX – XXXX</td>
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<td>G</td>
<td>Android GMS</td>
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<tr>
<td><strong>Processor</strong></td>
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<tr>
<td>ET5XX1X – XXXX – XXXX</td>
<td></td>
<td>1</td>
<td>E3940 – Intel</td>
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<tr>
<td>ET5XX2X – XXXX – XXXX</td>
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<td>2</td>
<td>SD660 / SDM660</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
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<tr>
<td>ET5XX1X – XXXX – XXXX</td>
<td></td>
<td>1</td>
<td>4 GB RAM / 32 GB Flash</td>
</tr>
<tr>
<td>ET5XX2X – XXXX – XXXX</td>
<td></td>
<td>2</td>
<td>4 GB RAM / 64 GB Flash</td>
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<tr>
<td>ET5XX3X – XXXX – XXXX</td>
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<td>3</td>
<td>4 GB RAM / 128 GB Flash</td>
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<tr>
<td>ET5XX4X – XXXX – XXXX</td>
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<td>4</td>
<td>8 GB RAM / 64 GB Flash</td>
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<tr>
<td>ET5XX5X – XXXX – XXXX</td>
<td></td>
<td>5</td>
<td>8 GB RAM / 128 GB Flash</td>
</tr>
<tr>
<td><strong>OS Localization</strong></td>
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<tr>
<td><strong>Integrated Scanner</strong></td>
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<tr>
<td>ET5XXW – XXXX – SF</td>
<td></td>
<td>SF</td>
<td>ET51 8” Windows with Integrated Scanner (Worldwide)</td>
</tr>
<tr>
<td><strong>Suffix / Custom Product</strong></td>
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<tr>
<td>ET5XX00XX</td>
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<td>None</td>
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<tr>
<td>ET5XXMTXX</td>
<td></td>
<td>MT</td>
<td>Mounted Tablet</td>
</tr>
<tr>
<td><strong>Regional Designations</strong></td>
<td></td>
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</tr>
<tr>
<td>ET5XXNA</td>
<td></td>
<td>NA</td>
<td>Android only – US, Canada and Puerto Rico 802.11ac</td>
</tr>
<tr>
<td>ET5XXXA6</td>
<td></td>
<td>A6</td>
<td>Android only - ROW 802.11ac</td>
</tr>
</tbody>
</table>

*Please check Solutions Builder for region / country specific SKU configuration availability (i.e. China, India, etc.)*
ET51 & ET56 Accessory Ecosystem
Accessory Ecosystem Overview

One of these four solutions is required for tablet charging (pp. 6-8).

- Rugged Frames
- Expansion Back + Rotating Hand Strap
- SE4750 and SE4710 Expansion Back + Rotating Hand Strap
- Operations Case
- Optional PowerPack Battery
- 4-Slot Aux Battery Charger
- Rugged Charge Connector
- Single-Slot Charge Dock
- ShareCradle System
- D-Clips
- Handle
- Breakaway shoulder strap
- Passive Stylus
- Internal batteries
  (Specific part numbers for new ET51 / ET56 on pg. 13.)
ShareCradle System & PowerPack Chargers

**4-Slot ShareCradle**

- Introducing the ShareCradle System:
  - Terminal & Spare Battery Cups designed to be shared across the Zebra suite of Charge Only bases providing flexible & future proofed charging solutions.
- Solution for either: 4 ET5x or 4 ET5x & PowerPack Charger
- Option to mount and power a 4-Slot PowerPack Charger
- Fits on a tabletop, wall mounted, or rack mounted (requires 19 in. rack mounting accessory)
- Accepts ET5x Tablets with or without Expansion Backs
- Accepts ET5x Tablets with or without Rugged Frames
- **Note:** ShareCradles require Power Supply (PWR-BGA12V108W0WW), DC Line Cord (CBL-DC-38A1-01), and country specific AC Line Cord (e.g. 23844-00-00R); **Sold Separately**

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**4-Slot PowerPack Charger**

- Standalone 4-slot charger with charge state indicator LEDs
- Can be docked in 4-slot ShareCradle via adapter cup
- **Note:** 4-Slot PowerPack Chargers require Power Supply (PWR-BGA12V50W0WW), DC Line Cord (CBL-DC-388A1-01), and country specific AC Line Cord (e.g. 23844-00-00R); **Sold Separately**
### Charging Cradles and Docks with Communication Ports

#### Charge Only 1-Slot Dock

<table>
<thead>
<tr>
<th>CRD-ET5X-1SCG2</th>
<th>ET5X 1-Slot Charge Only Dock</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Notes:</strong></td>
<td></td>
</tr>
<tr>
<td>- Supports charging with and without Rugged Frames</td>
<td></td>
</tr>
<tr>
<td>- Only works with exposed standard (not rugged) connector</td>
<td></td>
</tr>
<tr>
<td>- Accepts ET5x Tablets with or without <em>Expansion Backs</em></td>
<td></td>
</tr>
<tr>
<td>- Accepts ET5x Tablets with or without <em>Rugged Frames</em></td>
<td></td>
</tr>
<tr>
<td><strong>Note:</strong></td>
<td>Requires Power Supply (PWR-BGA12V50W0WW), DC Line Cord (CBL-DC-388A1-01), and country specific AC Line Cord (e.g. 23844-00-00R); <em>Sold Separately</em></td>
</tr>
</tbody>
</table>

#### Charge & Communication 1-Slot Dock

<table>
<thead>
<tr>
<th>CRD-ET5X-1SCOM1</th>
<th>ET5X 1-Slot Charge and Communication Dock</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Notes:</strong></td>
<td></td>
</tr>
<tr>
<td>- Supports charging with and without Rugged Frames</td>
<td></td>
</tr>
<tr>
<td>- Charges and extends I/O for: HDMI, Ethernet &amp; 3 USB ports</td>
<td></td>
</tr>
<tr>
<td>- Accepts ET5x Tablets with or without <em>Expansion Backs</em></td>
<td></td>
</tr>
<tr>
<td>- Accepts ET5x Tablets with or without <em>Rugged Frames</em></td>
<td></td>
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</tr>
</tbody>
</table>
Rugged Charging Docks, Cable Chargers, and I/O Connectors

**Rugged Charge & Comms 1-Slot Dock**

![Image of Rugged Charge & Comms 1-Slot Dock]

- **CRD-ET5X-1SCOM1R**
  - 1-Slot Dock with Rugged IO Adapter
  - Charges & extends Rugged I/O for HDMI, Ethernet, 3 USB Ports
  - Only works with Rugged Frame with Rugged I/O Connector
  - **Note:** Requires Power Supply (PWR-BGA12V50W0WW), DC Line Cord (CBL-DC-388A1-01), and country specific AC Line Cord (e.g. 23844-00-00R); **Sold Separately**

**Rugged Charging Adaptors**

**CHG-ET5X-CBL1-01**

- Rugged Charge Connector (Charge dongle)
  - Rugged charge cable breaks away to prevent tablet damage
  - DC barrel input on the side
  - Works on tablets with or without Rugged Frames
  - Includes shim to use with tablets without Rugged Frames
  - **Note:** Require Power Supply (PWR-BGA12V50W0WW), DC Line Cord (CBL-DC-388A1-01), and country specific AC Line Cord (e.g. 23844-00-00R); **Sold Separately**

**SG-ET5X-RGIO2-01**

- Replacement Rugged I/O Connector
  - Replacement I/O connector for Rugged Frames (if needed)
  - This part is included when ordering a new Rugged Frame
    - (e.g. SGET5X-8RCSE2-02, SG-ET5X-10RCSE2-01)
Rugged Frames, D-Clips & Tethers

8 in. & 10 in. Rugged Frames

**SG-ET5X-8RCSE2-02**
8 in. Rugged Frame with Rugged I/O connector (Included)

**SG-ET5X-10RCSE2-01**
10 in. Rugged Frame with Rugged I/O connector (Included)

- Improves drop protection to 6 ft / 2 m to concrete
- Sealed I/O connector replaces bottom dust cover
- Screw bosses on back to attach hand and shoulder straps
- Works with or without Expansion Backs

D-Clips & Tethers

**SG-ET5X-DCLIP2-02**
2 D-Clips attach to screw bosses in rugged frame

**SG-TC7X-STYLUS-03**
TC7X 3-Pack STYLUS + TETHER

- TC7X passive stylus (no batteries needed, more durable)
- 3-Pack + Tether (single stylus unit is not available)
- **Note**: will not work in areas where water is pooled on the screen

**SG-ET5X-SLTETR-01**
Stylus coil tether

- Coiled tether provides a convenient method to keep your tablet and pen together without compromising your usage experience
Operations Cases & Straps

8 in. & 10 in. Operations Case

- SG-ET5X-8HLST-01
  8 in. Operations Case
- SG-ET5X-10HLST-01
  10 in. Operations Case

- Supports tablet without rugged frame
- Made of a leather with a pen loop for stylus
- D-Clip points in 4 corners support addition of:
  - Hand strap (sold separately)
  - Shoulder strap (sold separately)
- Mounting points accommodate additional accessories
- Works with or without Expansion Backs

Shoulder & Hand Straps

- SG-ET5X-SHDRSTP-01
  Break away Shoulder Strap
- SG-ET5X-HNDSTP-01
  Handle strap

- Hand & Shoulder straps attach to rugged frame via D-Clips
- Break away shoulder strap releases from tablet to prevent damage when snagged
- Handle strap has plastic grips for carrying comfort
## Integrated Scanner Expansion Backs with Rotating Hand Strap

### SE4750 for Windows or Android OS

- ZBK-ET5X-8SCN5-01 (Windows, 8 in.)
- ZBK-ET5X-8SCN5-02 (Android, 8 in.)
- ZBK-ET5X-10SCN5-01 (Windows, 10 in.)
- ZBK-ET5X-10SCN5-02 (Android, 10 in.)

- Rotating Hand Strap base with Integrated Scanner
- Expansion back screws to back of tablet; replacing battery door
- Captures 1-D and 2-D bar codes in virtually any conditions, at lightning speed via Laser aimer
- **Note:** Optional Auxiliary PowerPack (BTRY-ET5X-PRPK1-01; sold separately) can be inserted in base

### SE4710 for Windows OS *Only*

- ZBK-ET5X-8SCN1-01 (8 in.)
- ZBK-ET5X-10SCN1-01 (10 in.)

- Rotating Hand Strap base with Integrated Scanner
- Expansion back screws to back of tablet; replacing battery door
- Captures 1-D and 2-D bar codes via LED aimer (Indoor use)
- **Note:** Optional Auxiliary PowerPack (BTRY-ET5X-PRPK1-01; sold separately) can be inserted in base
Expansion Back (No Scanner) & Auxiliary PowerPack

Expansion Back (No Scanner)

- ZBK-ET5X-8RH1-01 (8 in.)
- ZBK-ET5X-10RH1-01 (10 in.)
- Expansion back screws to back of tablet; replacing battery door
- Rotating Hand Strap base
- Note: Optional Auxiliary PowerPack (BTRY-ET5X-PRPK1-01; sold separately) can be inserted in base

Auxiliary PowerPack Battery

- BTRY-ET5X-PRPK1-01
  - 24.5Wh of additional charging capacity (3400mAh @ 7.2V)
- Hot swappable; enables 24x7 usage
- Can be used in addition to the main battery capacity
- Charges with 4-slot battery charger (SAC-ET5X-4PPK1-01)
- Charges when Tablet & Expansion Back are in 1-slot Dock or ShareCradle
- Gas Gauge LED to display the amount of charge
- Note: Designed for use with any Expansion Back
## ET51 & ET56 Internal Batteries

### Internal Batteries for **Android OS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specifications</th>
<th>Usage</th>
</tr>
</thead>
</table>
| BTRY-ET5X-8IN5-01 | 8 in. Tablet Internal Battery | - 6440mAh / 3.8V / 24.4Wh  
- Rechargeable Li-Polymer; User replaceable  
- 5-6 hours continuous WLAN usage with display on |                                                             |
| BTRY-ET5X-10IN5-01 | 10 in. Tablet Internal Battery | - 9660mAh / 3.85V / 37.1Wh  
- Rechargeable Li-Polymer; User replaceable  
- 8-9 hrs continuous WLAN usage with display on |                                                             |

**Note:** ET50 / ET55 internal batteries are **NOT COMPATIBLE** with the new ET51 / ET56 Tablets (and vice versa)

### Internal Batteries for **Windows OS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specifications</th>
<th>Usage</th>
</tr>
</thead>
</table>
| BTRY-ET5X-8IN3-01 | 8 in. Tablet Internal Battery | - 3300mAh / 7.6V / 25.1Wh  
- Rechargeable Li-Polymer; User replaceable  
- 5-6 hours continuous WLAN usage with display on |                                                             |
| BTRY-ET5X-10IN3-01 | 10 in. Tablet Internal Battery | - 4950mAh / 7.7V / 38.1Wh  
- Rechargeable Li-Polymer; User replaceable  
- 8-9 hrs continuous WLAN usage with display on |                                                             |

**Note:** ET50 / ET55 internal batteries are **NOT COMPATIBLE** with the new ET51 / ET56 Tablets (and vice versa)
ET51 & ET56 Third Party Offerings

The products on the following slides are designed, sold and serviced by parties outside Zebra Technologies.

They are offered through the third parties and their reseller networks and are not in Zebra’s parts catalog.

Zebra does not sell, support, nor formally test these products.
Keep Your Tablet Safe with Gamber-Johnson Dock or Cradle

- Designed by Gamber-Johnson to support rugged mounting needs; such as, forklifts, emergency vehicles, etc.
- Docking stations *replicate* tablet ports: USB, Ethernet, RF, and power. Ideal for connecting printers or other peripherals
- Cradles keep your tablet safe but *do not replicate* any ports. Use these to mount tablets without any peripherals
- Key lockable, VESA 75mm mounting pattern, and clamps to secure the tablet
- Only work with tablets equipped with rugged frame
- Compatible with accessories like expansion backs with scanners and optional power pack battery
- Keyboard mount offered to support iKey keyboards

*3rd party designed, sold and serviced. Zebra does not sell, nor formally test.*
ProClip Mounting Cradles

**ProClip Precision Manufactured Mounting & Charging Solutions**

- Custom designed by ProClip and offered through ProClip / Brodit channels and their reseller network
- Solutions to secure, power, and charge your Zebra mobile device.
- Ideal for delivery vehicle dashboard, warehouse picker, forklift cage, hospital mobile cart, retail counter applications
- Keep your Zebra device within reach and ready to go to work
- Key lock option supported
- Rugged frame and non-rugged frame tablets options are available

3rd party designed, sold and serviced. Zebra does not sell, nor formally test.
ENS / Tailwind Mobile Payment and Tablet Mounting Solutions

- **Verge Mobile Payment Mount (367-4406)**
  - Seamlessly connects ET5x tablet with Verifone e355 payment device
  - Ergonomically designed hand grips for comfort and security

- **Payment Mount for use with Rugged Frame**
  - Verifone e355 (367-4882) or Ingenico iSMP4 (367-4899-A)
  - Secure either payment device to ET5x with Rugged Frame
  - Includes mounting plates to easily dock tablet & payment device combo
  - Can be used in combination with Expansion Back

- **Genesis Charging & Communication (367-4818-R)**
  - Charging tablet stand with power, 1 Ethernet, and 2 USB ports
  - Spring loaded quick release for greater mobility
  - 300° swivel and up to 90° tilt range, with high quality lock for security
  - Accommodates Expansion Back and available for tablets with or without Rugged Frame

- **Genesis Low Profile Charging & Communication (367-4819-R)**
  - All the features of standard Genesis line in a sleek, modern design

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ArmorActive Payment & Mobility Solutions

ArmorActive Mobility and Deployment Solutions Worldwide

- **RapidDoc & Kiosk Options**
  - Multiple quick and easy tablet release options: RFID (included)
  - Software undock (PIN), Username / password, Biometrics, NFC
  - Universal base for connectivity with ET5x tablets (Windows or Android)
  - Easily fits into work environment, 6 USB Ports and wired Ethernet.

- **Payment and Card Reader Options**
  - Quick Release Latching Cradles for payment terminal support; includes Verifone e355 and Ingenico iSMP4 EMV readers
  - Custom designed Expansion Backs for payments; includes PAX D180, Verifone e355, Miura M010, and Ingenico iCMP
  - Sleek and durable Expansion Back for Magnetic Strip (MSR) and Smart Card (SRC) readers
  - Payment Peripheral Integration Options
  - Direct hardwired integration with up to 2 payment peripherals in the ArmorActive Enclosure

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InVue Security & Payment Docks

InVue Retail Security and Payment Docking Options

- Retail Security components increase sales, decrease theft, and improve profitability
- Flexible dock features 3-axis viewing, optional mobile POS device integration, and USB 2.0 ports
- Fixed dock for tablet display solution with a point-of-sale option; durable, versatile and tamper resistant
- Useful in any environment and features multiple stand options for counter display, wall mounted and pedestal.
- Create custom solutions that are customer-centric to ensure an ideal experience for retail viewing and mPOS

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