ET80/ET85
Rugged 2-in-1 Tablet
Accessory Guide
October, 2021
Contents

1. Accessory Overview
2. 2-in-1 Rugged Keyboard
3. Docking Solutions
4. Expansion & Input Solutions
5. Battery & Charging
6. Carrying & Protective Solutions
Unmatched comprehensive suite of accessories

**Workflow options**
- Common Dock
  - Vehicle
  - Office
  - Forklift
- Expansion back
  - Rotating hand strap
  - Aux battery slot
- Friction Hinge
- Rugged Keyboard
- Ethernet: Tool-less Thumb-Screw Attach Option
- AC Adapter USB-C
  - AC cord sold separately
- Expansion back Kickstand
  - Can be added to ET80 / ET85 expansion back
- Stylus MPP 2.0

**Carrying/Protective options**
- Handle with stylus holder
- Rugged Boot with Attach Points for Straps / Handles
- Stylus Tether
- Shoulder Strap
- Ethernet/ Serial: Tool-less Thumb-Screw Attach Option

**Charging/Power options**
- Auxiliary Battery
  (For use with expansion back)
- Internal Battery
- Friction Hinge
- Expansion back Kickstand
- Expansion Back - CAC
  - Aux battery slot
  - Optional Kickstand sold separately
- 4-Slot Battery Charger

*Product photography subject to change*
ET8x Rugged Tablet Accessories

2-in-1 Keyboards
2-in-Rugged Keyboard

- Add to any ET80 or ET85 tablet for a true 2-in-1 laptop experience
- Friction hinge to set viewing angle to user preference
- IP65 dust and water sealing
- Works with Zebra docking solutions, rugged boot, and other accessories
- Large touchpad with ergonomic mouse buttons and Microsoft multi-finger gestures
- Extendable integrated handle for easy portability
- 82 full sized keys (19 mm)
- Multi-color backlit keyboard – color user programmable with provided application
- Five programable buttons including emergency / SOS key
- Additional quick access button to blank keyboard backlight

Part Numbers:
**Rugged 2-in-1 Keyboard**
KYB-ET8X-2IN1-US1-01 – US English
KYB-ET8X-2IN1-UK1-01 – UK English
KYB-ET8X-2IN1-FR1-01 – French
KYB-ET8X-2IN1-ES1-01 – Spanish
KYB-ET8X-2IN1-DE1-01 – German
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Docking Solutions
Docking Solutions: Vehicle Dock

- Comprehensive solution for vehicle installations
- Easy one-hand release allows for fast “grab and go” transitions between the vehicle, field and office
- Extensive port expansion
  - 2 USB 2.0 Type A
  - 2 USB 3.0 Type A
  - 3 Ethernet RJ45
- E-Mark certified for 12V vehicle systems
- Supports VESA 100x100 & 75x75 mounting patterns
- Works with or without keyboard, rugged boot, expansion backs and other Zebra accessories
- Tablet cameras, barcode reader and side connections accessible while mounted
- IP65 water and dust ingress protected
- Many components of docking system available separately and can be added in field
- Barrel lock with 2 keys
- No power adapter required for 12V vehicles
- Power Adapters and Cables sold separately

**Part Numbers:**
- **Vehicle Dock**
  - CRD-ET8X-VEHDK1-01

**Related Power Accessories**
- 450143 CLA Cable
- 300039 Direct Connect Cable
- 450019 CLA DC converter for 24 V vehicles
- 450083 DC converter - Forklifts 9 – 60V
- 450084 DC converter - Forklifts 50 - 150 volts
Docking Solutions: Office Dock

• Comprehensive solution for office use and industrial situations
• Easy one-hand release allows for fast “grab and go” transitions between the field and office
• Extensive port expansion includes video
  • 2 USB 2.0 Type A
  • 2 USB 3.0 Type A
  • 3 Ethernet RJ45
  • 2 HDMI
• Works with or without keyboard, rugged boot, expansion backs and other Zebra accessories
• Tablet cameras, barcode reader and side connections accessible while mounted
• IP65 water and dust ingress protected
• Many components of docking system available separately and can be added in field
• Barrel lock with 2 keys
• Power Adapters and line cables sold separately

Part Numbers:
Office Dock
CRD-ET8X-OFFDK1-01

Related Power Accessories
450020 (AC Adapter)

AC Line Cords
450040 (for US)
450047 (for Australia/New Zealand)
450042 (for EU)
450041 (for UK)
ACC-L10LINECORD-TW (for Taiwan)
ACC-L10LINECORD-JP (for Japan)
ACC-L10LINECORD-CN (for China)
Docking Solutions: Power Dock

- Comprehensive solution for installations requiring only power (see vehicle dock for port expansion docking solution)
- Easy one-hand release allows for fast “grab and go” transitions
- E-Mark certified for 12V vehicle systems
- Supports VESA 100x100 & 75x75 mounting patterns
- Works with or without keyboard, rugged boot, expansion backs and other Zebra accessories
- Tablet cameras, barcode reader and side connections accessible while mounted
- IP65 water and dust ingress protected
- Many components of docking system available separately and can be added in field
- Barrel lock with 2 keys
- Power Adapters and Cables sold separately

Part Numbers:
Power Dock
CRD-ET8X-PWRDK1-01

Related Power Accessories
450143 CLA Cable
300039 Direct Connect Cable
450019 CLA DC converter for 24 V vehicles
450083 DC converter - Forklifts 9 – 60V
450084 DC converter - Forklifts 50 - 150 volts
Docking Solutions: RF Pass-Through Antenna Module

CRD-ET8X-M-PTA1-01 – PTA Module

- Field installable module for deployments requiring external antenna, such as situations where tablet is RF shielded
- Three pass-through antennas
- Requires factory installed PTA option in tablet – see options below
- The same dock PTA module compatible with all tablet PTA configurations

Tablet must be ordered in PTA configuration to use PTA module in dock. Configurations include:

<table>
<thead>
<tr>
<th>Tablet Part Number</th>
<th>ANT1</th>
<th>GPS</th>
<th>ANT2</th>
<th>External Antenna</th>
</tr>
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<tbody>
<tr>
<td>ET8XX-XXXXX-XX0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>ET80A-XXXXX-XXA</td>
<td>NONE</td>
<td>NONE</td>
<td>WIFI</td>
<td>MGRM3</td>
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<tr>
<td>ET85X-XXXXX-XXB (5G SKU)</td>
<td>WWAN</td>
<td>GPS</td>
<td>WWAN</td>
<td>LTMG931</td>
</tr>
<tr>
<td>ET85X-XXXXX-XXC (4G SKU)</td>
<td>WWAN</td>
<td>GPS</td>
<td>WIFI</td>
<td>LTMG931</td>
</tr>
</tbody>
</table>
Docking Solutions: Keyboard Bracket

CRD-ET8X-M-KBBK1-01 Keyboard Bracket
- Field installable keyboard tray, primarily for detached keyboard solutions. Optional for ET8x 2-in-1 keyboard.
- Includes bracket (no screws)

Hole patterns support most third-party keyboards
- VESA 75mm x 75mm
- AMPs 38mm X 30mm Vertical
- AMPs 38mm X 30mm Horizontal

Dock and Bracket support
- VESA 100 x 100
- 100 x 50
- 75 x 75

Hole patterns
Docking Solutions: Additional Expanded Functionality with Field Installable Modules

CRD-ET8X-M-9PEM1-01 Port Expander with Video
• Field installable 9 port expander with 2 USB 2.0 Type A, 2 USB 3.0 Type A, 3 Ethernet RJ45, 2 HDMI
• Add to Zebra Power Dock for vehicle docking solution with HDMI video

CRD-ET8X-M-PEMCV1-01 Port Expander Cover
• Optional field installable cover with thumbscrew convenience for Zebra docking solutions with port expansion, such as the vehicle dock or office dock

CRD-ET8X-M-FAN1-01 Keyboard Bracket
• Attaches to dock and provides ventilation for extreme climates
• Only recommended for elevated temperatures with excessive solar loading or non-air-conditioned vehicles
Antenna options (sold though 3rd party)

Typically used with Vehicle Dock – Requires dock with RF Pass Through Antennas module (CRD-ET8X-M-PTA1-01) and PTA enabled tablet SKU

Mobile Mark LTM931 (Cellular, Wifi and GPS)
• The 5-cable LTM series antennas include three Cellular antennas, one WiFi antenna and one GPS antenna.
• Antenna is ideal for fleet management systems that combine GPS with a broadband cellular modem as well as WiFi.
• Covers cellular frequencies worldwide: 694-960 & 1710-3700 MHz.
• Antenna versions available for surface mounting or magnetic mounting.

Mobile Mark MGRM3 (Wifi Antenna)
• External antenna may provide additional WiFi coverage in challenging environments
• Antenna supports 2.4Ghz only
• Magnetic mount can easily be installed on top of forklift cab
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Expansion & Input Solutions
Expansion Back Solutions & Kickstand

All compatible with Zebra docking solutions

ZBK-ET8X-SMARTCARD-01 Expansion Back with CAC Smartcard Reader & Battery Slot
• Adds enhanced device security and chip card reading with a Common Access Card (CAC) reader
• Replaces existing battery door and screws down to back of tablet.
• Provides slot for hot swappable ET8x auxiliary Powerpack battery (BTRY-ET8X-PRPK1-01) (sold separately)

ZBK-ET5X-10RH1-01 Rotating Hand Strap with Battery Slot
• Replaces existing battery door and screws down to back of tablet
• Provides slot for hot swappable ET8x auxiliary Powerpack battery (BTRY-ET8X-PRPK1-01) (sold separately)

ZBK-ET8X-KICKSTAND-01 Kickstand
• Provides adjustable viewing angle, keeping the tablet upright for easy reading and touch while in the field
• Folds away for mobility
• Requires ET8x Expansion Back accessory (sold separately)
Active Stylus

- Allows for a large range of pressure sensitivity, tilt detection and hover capability
- IP55 water and dust protected
- Supports Microsoft Pen Protocol MPP 2.0
- Two side buttons for easy erase and menu access
- Can be tethered to tablet with SG-ET5X-SLTETR-01 (sold separately)
- Can be secured to tablet with Pen Loop Holder or inserted into ET8x handle SG-ET8X-HANDLE1-01 (sold separately)
- Uses one AAAA battery, included

- Adhesive Loop attaches to rear of tablet
- Compatible with Zebra rugged boot, docks, and other accessories

Part Numbers:
SG-ET8X-STYLUS1-01 (ET8x Active Stylus)
SG-ET8X-PENLOOP1-01 (Stylus holder)
SG-ET5X-SLTETR-01 (Coiled Tether)
Adapter Solutions

Ethernet (RJ45) Adapter Cable
• Connects to tablet expansion port to provide cabled true Ethernet access to tablet
• Includes options to secure adapter to tablet via screws or via tool-less screws for easier removal

Serial Adapter Cable
• Connects to tablet expansion port to provide DB9 (RS-232) true serial port
• Includes options to secure adapter to tablet via screws or via tool-less screws for easier removal

Part Numbers:
CBL-ET8X-E1-01 (Ethernet adapter cable)
CBL-ET8X-SER1-01 (Serial adapter cable)
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Battery and Charging
AC Power Supply

- 45W USB-PD charger connects to the USB-C port on the ET8X for when a dock is not used to charge the tablet
- Requires AC line cord appropriate for the countries of use (sold separately)
- NOTE: Power Supply is not included with ET8X. Order this item if ET8x needs to be charged outside of docking stations.

Part Numbers:
- **Power Adapter**
  - PWR-BGA15V45W-UC-WW (45W ET8x adapter)

- **AC Line Cords**
  - 450040 (for US)
  - 450047 (for Australia/New Zealand)
  - 450042 (for EU)
  - 450041 (for UK)
  - ACC-L10LINECORD-TW (for Taiwan)
  - ACC-L10LINECORD-JP (for Japan)
  - ACC-L10LINECORD-CN (for China)
## Battery Solutions

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTRY-ET8X-12IN1-01</td>
<td>Replacement Tablet Battery</td>
</tr>
<tr>
<td></td>
<td>• Main internal battery for tablet</td>
</tr>
<tr>
<td></td>
<td>• 39.8 Whr (5180 mAh @ 7.7V)</td>
</tr>
<tr>
<td>BTRY-ET8X-PRPK1-01</td>
<td>Auxiliary power pack battery</td>
</tr>
<tr>
<td></td>
<td>• Hot swappable additional power; enables 24x7 usage</td>
</tr>
<tr>
<td></td>
<td>• 25.8 Whr (3400 mAh @ 7.6V)</td>
</tr>
<tr>
<td></td>
<td>• Used in addition to the main battery capacity</td>
</tr>
<tr>
<td></td>
<td>• Gas Gauge LED to display the amount of charge</td>
</tr>
<tr>
<td></td>
<td>• Charges with 4 slot battery charger (SAC-ET5X-4PPK1-01 sold separately)</td>
</tr>
<tr>
<td></td>
<td>• Requires Expansion Back supporting expansion battery including ZBK-ET8X-SMARTCARD-01 &amp; ZBK-ET5X-10RH1-01</td>
</tr>
<tr>
<td>MISC-ET8X-BTDR1-01</td>
<td>Battery door</td>
</tr>
<tr>
<td></td>
<td>• Replacement tablet battery door</td>
</tr>
</tbody>
</table>
ET8x Rugged Tablet Accessories

Carry and Protective Solutions
Carry and Protective Solutions

**SG-ET8X-BOOT1-01 Rugged Boot**
- Increases tablet drop spec to 5 ft. (1.5m)
- Compatible with 2-in-1 keyboard, Docks, Expansion Backs and other Zebra accessories
- Includes tether points to attach optional Handle Strap or Shoulder Strap
- USB port door with captive screw to secure or allow access to the ports
- Boot is required for Class I, Div 2 certification

**SG-ET8X-HANDLE1-01 Soft Handle**
- Convenient top mounted handle in smooth durable soft rubber for maximum grip without sacrificing comfort
- Includes a stylus storage slot and tether for stylus (stylus sold separately)
- Attaches to Rugged Boot via fabric included straps
- Also includes tether point for Shoulder Strap to allow both the Soft Handle and Shoulder Strap to be used at the same time

**SG-ET8X-SHLDR1-01 Shoulder Strap**
- Convenient for carrying the ET8X long distances while freeing up hands.
- Attaches to Rugged Boot via included fabric straps or can be attached directly to Soft Handle (SG-ET8X-HANDLE1-01).
Contact

Zebra Technologies Corporation
3 Overlook Point
Lincolnshire, IL 60069

www.zebra.com