

# ET80/ET85 Rugged 2-in-1 Tablet

**Accessory Guide** 

August, 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



# Overview



## Unmatched comprehensive suite of accessories

## Workflow options



Common Dock

- Vehicle
- Office
- Forklift



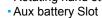
Ethernet/ Serial: Toolless Thumb-Screw Attach Option



Ethernet: Tool-less Thumb-Screw Attach Option



Expansion back
• Rotating hand strap





AC Adapter USB-C
• AC cord sold
separately



Stylus MPP 2.0



Friction Hinge Rugged Keyboard



 Expansion back Kickstand
 Can be added to ET80 / ET85 expansion back



Expansion Back - CAC
• Aux battery slot

 Optional Kickstand sold separately

## **Carrying/Protective options**



Handle with stylus holder



Rugged Boot with Attach Points for Straps / Handles



Stylus Tether



Shoulder Strap

## **Charging/Power options**



Auxiliary Battery (For use with expansion back)



Internal Battery



4-Slot Battery Charger



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



# **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:**

Vehicle 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



Shown with RAM mounting kit 350025 (not included)

#### **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

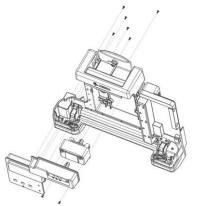
450083 DC converter - Forklifts 9 - 60V

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:

Tablet Part Number	ANT1	GPS	ANT2	<b>External Antenna</b>
ET8XX-XXXXX-XX0	N/A	N/A	N/A	N/A
ET80A-XXXXX-XXA	NONE	NONE	WIFI	MGRM3
ET85X-XXXXX-XXB (5G SKU)	WWAN	GPS	WWAN	LTMG931
ET85X-XXXXX-XXC (4G SKU)	WWAN	GPS	WIFI	LTMG931

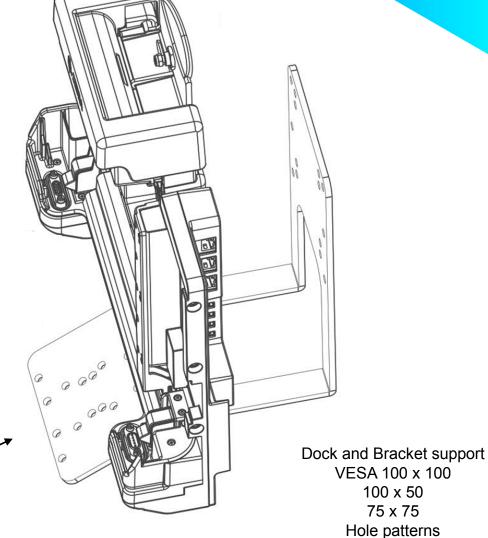
# Docking Solutions: Keyboard Bracket





# CRD-ET8X-M-KBBK1-01 Keyboard Bracket

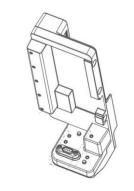
- Field installable keyboard tray, primarily for detached keyboard solutions. Optional for ET8x 2-in-1 keyboard.
- Includes bracket (no screws)



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

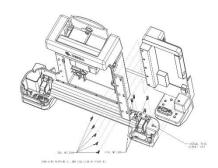


# Docking Solutions: Additional Expanded Functionality with Field Installable Modules



## 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

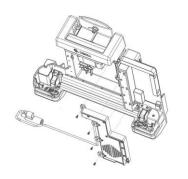
 Optional field installable cover with thumbscrew convenience for Zebra docking solutions with port expansion, such as the vehicle dock or office dock





## 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

13



**Expansion & Input Solutions** 



# **Expansion Back Solutions & Kickstand**

All compatible with Zebra docking solutions





- 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)

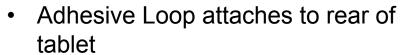


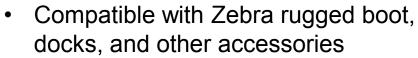


# **Active Stylus**



- 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









#### **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)



**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)

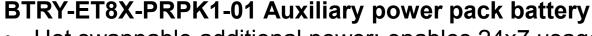


# **Battery Solutions**





- Main internal battery for tablet
- 39.8 Whr (5180 mAh @ 7.7V)



- Hot swappable additional power; enables 24x7 usage
- 25.8 WHr (3400 mAh @ 7.6V)
- Used in addition to the main battery capacity
- Gas Gauge LED to display the amount of charge
- Charges with 4 slot battery charger (SAC-ET5X-4PPK1-01 sold separately)
- Requires Expansion Back supporting expansion battery including ZBK-ET8X-SMARTCARD-01 & ZBK-ET5X-10RH1-01



## MISC-ET8X-BTDR1-01 Battery door

Replacement tablet battery door





**Carry and Protective Solutions** 



# Carry and Protective Solutions



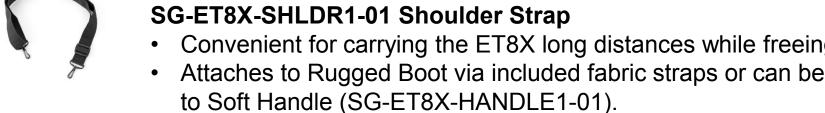
- Increases tablet drop spec to 5 ft. (1.5m)
- Compatible with 2-in-1 keyboard, Docks, Expansion Backs and other Zebra accessories
- Includes tether points to attach optional Handle Strap or Shoulder Strap
- USB port door with captive screw to secure or allow access to the ports
- Boot is required for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

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www.zebra.com