



# BlueBird EF551 Series Enterprise Touch Mobile Computer User Guide

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## BLUEBIRD

EF551 Series Enterprise Touch Mobile Computer  
User Guide



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## EF551 Series Enterprise Touch Mobile Computer

Not all the features discussed in this document will apply to every unit, as some of the features are offered as options.

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Just like EF551 series support various fields, they are supported by multiple accessories. All of the accessories of EF551 are for both of EF551 & EF551 Rugged SKU. Improve your work effectiveness by using the various accessories of EF551 series.



## Power/Cradle System – Cradle

### Single Slot Cradles



#### **1 Slot Charging Share Cradle (CRD-EF55-RB-1SC-T1)**

- Supports charging, Includes a bay for spare battery charging
- Requires 1 Slot Cradle Power Adapter and AC Power Cord

#### **1 Slot Charging & USB/Ethernet Share Cradle (CRD-EF55-RB-1SCE-T1)**

- Supports charging, USB OTG (Type C) 1ea, Ethernet 1ea, USB OTG <-> Ethernet Switch 1ea, Includes a bay for spare battery charging
- Requires Power Adapter and AC Power Cord
- Requires USB Type C to USB Type A Cable for single slot cradle communication.

**Size:** 113.5 x 168.5 x 86.3 mm

**Temperature:** 0 ~ 45°C (Operating), -30 ~ 70°C (Storage)

#### **Power Adapter**



- Power Adapter (9V/3A)
  - Requires Country Specific AC Power Cord

#### **Additional Accessories for Single Slot Cradle**



- AC Power Cord(By Countries)



- USB Type C to Type A Cable
  - USB Type C to USB Type A Cable for cradle communication.

**Note :**

1. All Cradles can be used for both EF551 and EF551R.
2. Each SHIM has an insert that must be removed prior to inserting the EF551R.

**4 Slot Cradle**



**4 Slot Charging Share Cradle**  
(CRD-EF55-RB-4SC-T1)

- Supports charging, Includes 4 bay for spare battery charging
- Requires 4 Slot Cradle Power Adapter and AC Power Cord

**4 Slot Charging & USB/Ethernet Share Cradle**  
(CRD-EF55-RB-4SCE-T1)

- Supports charging, USB OTG (Type C) 4ea, Ethernet 2ea USB OTG <-> Ethernet Switch 1ea,  
Includes 4 bay for spare battery charging

- Requires Power Adapter and AC Power Cord
- Requires USB Type C to USB Type A Cable for 4 slot cradle communication.

**Size:** 459.3 x 171.8 x 86.3 mm

**Temperature:** 0 ~ 45°C (Operating), -30 ~ 70°C (Storage)

**Power Adapter**



- Power Adapter (9V/10A)
  - Requires Country Specific AC Power Cord

**Additional Accessories for 4 Slot Cradle**



- AC Power Cord(By Countries)



- USB Type C to Type A Cable
  - USB Type C to USB Type A Cable for cradle communication.

**Note :**

1. All Cradles can be used for both EF551 and EF551R.
2. Each SHIM has an insert that must be removed prior to inserting the EF551R.

## 4 Slot Battery Toaster



## 4 Slot Battery Charging Toaster (BTYC-EF55-4SC-T1)

- Supports a bay for spare battery charging up to 4 batteries
- Requires 4 Slot Cradle Power Adapter and AC Power Cord

**Size:** 113.5 x 168.5 x 82.3 mm

**Temperature:** 0 ~ 45°C (Operating), -30 ~ 70°C (Storage)

### Power Adapter



- Power Adapter (12V/5A)
  - Requires Country Specific AC Power Cord

## Additional Accessories for 4 Slot Battery Toaster



- AC Power Cord(By Countries)

## Spare Li-ion Battery



- Li-Ion 3.85V/4350mAh Support by BOS™ Power Manager
- Li-Ion 3.85V/6160mAh  
Support by BOS™ Power Manager With BOS™ Power Manager™ Station, you can prevent sudden downtimes and manage battery status of all devices for your business.

## Power/Cradle System – Battery

### Battery



### **Li-Ion 3.85V/4350mAh**

Support by BOS™ Power Manager

### **Li-Ion 3.85V/6160mAh**

Support by BOS™ Power Manager

With BOS™ Power Manager™ Station, you can prevent sudden downtimes and manage battery status of all devices for your business.

### **Hot Swap**

Replaceable battery helps you protect the device from being chemically aged by battery. It enables to extend the product life cycle with just changing battery, making you reduce the maintenance cost.



Supporting Hot swap Enable to replace battery without turning off, hot swap support guarantees seamless working. Possible to go back on where it was if you put battery back within 1-2 mins when unexpectedly detached

### **Power/Cradle System – Cable/Adapter**

#### **Wall Charger / Adapter Plug**



- Power Adapter for Direct Charging (5V/2A)
  - Support 1 slot USB port
  - Requires Country Specific Adapter Plug
  - Requires USB Type C to USB Type A Cable for charging.
- **Adapter Plug**
  - Please use the adapter plug suitable for the country of use.





- Korea



- UK



- Euro



- Australia



- Brazil

#### USB Cable



- USB Type C to Type A Cable
  - USB Type C to USB Type A Cable for charging and communication.

#### Power/Cradle System – Vehicle Accessories

##### Vehicle Magnetic Holder



- Vehicle Cradle
  - Compatible with handstrap
  - Supports AMPS hole for mounting
  - Support Qualcomm Quick Charging 3.0
  - Requires USB Type C to USB Type A Cable and Cigarette Light Adapter
  - Optional Molex Connector and Hardwire Charging

Developed to ensure that the device is kept in place but easy to remove. Special fixtures keep the device firmly while driving on bumpy road.

#### **CLA / USB Cable**



- CLA (Cigarette Light Adapter)
  - One USB port to plug in the cable
  - Supports Qualcomm Quick Charging 3.0
  - Requires USB Type C to USB Type A Cable for charging.



- CLA w/ Cable
  - Adapter without cable available
  - Only adapter working with USB cable

#### **Lifespan System – Holster/Usability/Accessories**

##### **Holster**



#### **EF551/EF551R Holster**

– Compatible with EF550/EF550R

**Size:** 95 x 175 x 30 mm

**Handstrap**



#### **EF551/EF551R Hands trap**

– Flexible and comfortable design

**Stylus / String**



- Stylus Pen  
(Conductive plastic for enterprise durability)
  - Stylus Pen could be used with case
  - length : 10.5cm



- Stylus String
  - Achievable length is 70cm

## **Protection Film**



- Protection Film
  - High Glossy
  - Anti-Fingerprint
  - IK06 certified

## **Lifespan System – Usability Accessories** **Wearable Trigger Ring**

- **Trigger Ring**
  - Requires Standard / Extended Battery Cover ( with 10-pin connector )
  - Includes Wearable Wristband, Trigger Ring, Data Cable
- **Wearable Wrist Mount**
  - Includes comport pad / 260mm Strap for Wearable Wristband



\* Wearable Trigger Ring for both Standard / Extended Battery available  
**Replacement Options**

	Trigger Ring for Wearable Trigger Ring * Includes Strap & Finger Guide, Comport pad for Trigger Ring
	Strap & Finger Guide for Wearable Trigger Ring
	Comport pad for Wearable Trigger Ring
	Data Cable for Wearable Trigger Ring
	Comport pad for Wearable Wristband
	Strap(260mm) for Wearable Wristband
	Strap(330mm) for Wearable Wristband

## Additional Peripherals

### RFID Reader (RFR900/RFR901)

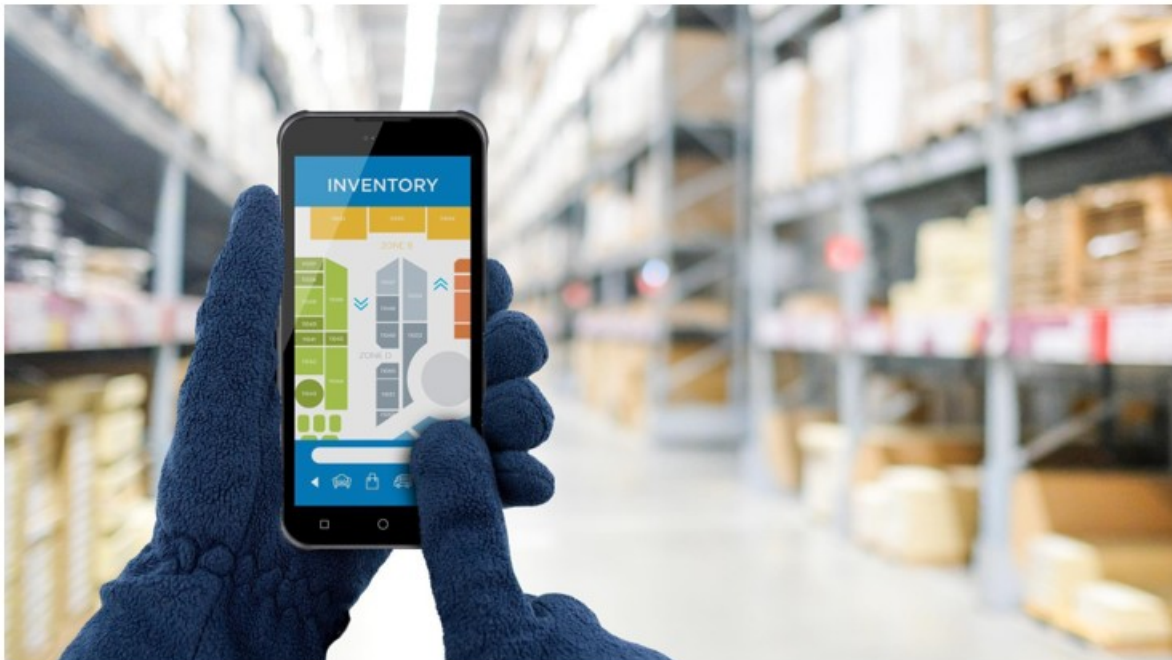


It provides faster and more accurate workflow with zero error occurrence. Bluebird RFID reader solutions allow you to obtain knowledge on tracking inventory of supplies, customer engagement both online and in-store and monitoring enterprise assets.

### Trigger Handle



Ergonomically designed for ease of use, the extremely lightweight Bluebird Trigger Handle can be easily attached to Bluebird's EF550/EF550R mobile computer, making it ideal for high volume scanning applications.



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**Documents / Resources**



[BlueBird EF551 Series Enterprise Touch Mobile Computer](#) [pdf] User Guide  
CRD-EF55-RB-1SC-T1, CRD-EF55-RB-1SCE-T1, CRD-EF55-RB-4SC-T1, CRD-EF55-RB-4SC  
E-T1, EF551 Series Enterprise Touch Mobile Computer, EF551 Series, EF551 Series Touch Mo  
bile Computer, Enterprise Touch Mobile Computer, Touch Mobile Computer, Enterprise Mobile  
Computer, Mobile Computer, Mobile, Computer