



BLUEBIRD S50 Enterprise Touch Mobile Computer User Guide

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BLUEBIRD S50 Enterprise Touch Mobile Computer



S50 Series Accessory Ecosystem

Power/Cradle System: Reduces unexpected downtime

1 Slot Cradle with extra battery charger
(Ethernet Option)

4 Slot Cradle with extra battery charger
(Ethernet Option)

Battery Toaster

Replaceable Battery

Vehicle Charger

Lifespan System: Protects the device for flexible use as long as possible

Handstrap

Handstrap

Protective Film

Add-on System: Expands functionality and enables more efficient operations with easy to use add-ons

RFID Reader

Trigger Handle

- Please contact the Bluebird sales rep for more information.

Cradle System

Single Slot Cradles



1 Slot Charging Share Cradle

- 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

- Supports charging, USB OTG (Type C) 1ea, Ethernet 1ea,
- USB OTG <-> Ethernet Switch 1ea,
- Includes a bay for spare battery charging
- Requires 1 Slot Cradle 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 (5V/3A)
- Requires Country Specific AC Power Cord

Additional Accessories for Single Slot Cradle

- AC Power Cord(By Country)



- 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 S50.
2. Each cradle cup has an insert that must be removed prior to inserting the Rugged Version.

4 Slot Cradle



4 Slot Charging Share Cradle

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

4 Slot Charging & USB/Ethernet Share Cradle

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



- 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 S50.
2. Each cradle cup has an insert that must be removed prior to inserting the Rugged Version

Workstation Cradle



Workstation Cradle

- TBD

Power Adapter

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



Additional Accessories for Workstation Cradle

- AC Power Cord(By Country)



- 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 S50.

2. Each cradle cup has an insert that must be removed prior to inserting the Rugged Version

Battery

-



Standard Battery : 3.85V / 5,000mAh (19.25Wh)

- **Extended Battery** : 3.85V / 7,000mAh (26.95Wh) (Optional)
- **BLE Battery**: 5,000mAh (Optional)
- **Wireless Battery**: 5,000mAh

User Replaceable



- The replaceable battery helps you protect the device from being chemically aged by the battery. It enables to extend the product life cycle by just changing the battery, making you reduce the maintenance cost.
- Supporting Hot Swap Enable to replace the battery without turning off, hot swap support guarantees seamless working. Possible to go back on where it was if you put the battery back within 1-2 mins when unexpectedly detached

4 Slot Battery Charger



4 Slot Battery Charging Toaster

- 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 Charger

- AC Power Cord(By Country)



Spare Li-ion Battery

- Li-Ion 3.85V/5,000mAh Support by BOS™ PowerManager



- Li-Ion 3.85V/7,000mAh Support by BOS™ PowerManager



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

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.



USB Cable



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

Vehicle Accessories

Vehicle Cradle

-



Vehicle Cradle

- Compatible with hand strap
- 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 firm while driving on bumpy roads.

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

- An adapter without cable is available
- Only adapter working with USB cable



Holster / Usability Accessories

Soft Holster



- S50 Holster
- Compatible with S50.
- Size: 95 x 175 x 30 mm

Handstrap



- S50 Handstrap
- Flexible and comfortable design

Stylus / String

- Stylus Pen (Fiber-Tipped Stylus Pen)
- Stylus Pen could be used with case



- length: 10.5cm
- Tether Strap for Stylus
- The achievable length is 70cm



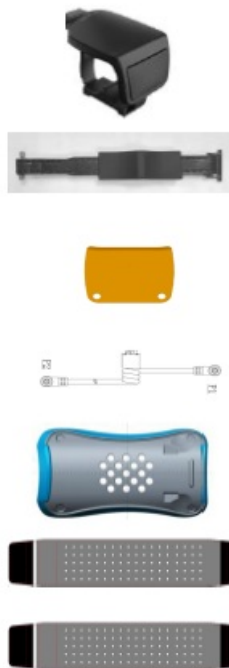
Usability Accessories

Wearable Trigger Ring

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



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

Wearable Trigger Ring for both Standard / Extended Battery available

Add-on System

RFID Reader (RFR900/RFR901)



- It provides a 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 S50 mobile computer, making it ideal for high-volume scanning applications.

Not all the features discussed in this document will apply to every unit, as some of the features are offered as options. The information contained herein is proprietary and is provided solely for the purpose of allowing customers to operate and/or service Bluebird manufactured equipment and is not to be released, reproduced, or used for any other purpose without written permission of Bluebird. Copyright © Bluebird Inc. All Rights Reserved.

Documents / Resources



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