

# Palm-sized printers, perfect for printing on the move

RJ-2035B / RJ-2055WB  
RJ-3035B / RJ-3055WB



PRINT



WIRELESS



BLUETOOTH

[brother.co.uk/mobile-printers/ruggedjet](http://brother.co.uk/mobile-printers/ruggedjet)



# Our lightest mobile printers yet

**These RJ mobile printers are ideal for printing receipts, tickets and labels.**

Lightweight and compact, the 2" and 3" receipt printers have a range of connectivity options and integrate easily into your existing systems thanks to the supported printer command languages and free of charge Software Development Kits.

## Key features:

- **Portable compact design: 2.5m drop tested and IP54 rating with optional case**
- **Ready to integrate with iOS® and Android apps**
- **Compatible with Windows®**
- **Easy to use with USB, Bluetooth and wireless connectivity options**
- **Fast print speeds up to 4ips (101mm/sec)**
- **Battery indicator for LED charge status.**

Compact and ultralight design

Linerless media support (dealer option)

Wireless LAN supporting 2,4GHz and 5GHz bands^



Bluetooth interface

NFC for easy pairing

Extended printer command language support



## General

### Carton contents

Belt clip  
Power adaptor  
Battery  
Documentation

### Language support

Danish, Dutch, English, Spanish,  
French , Italian, Norwegian,  
Portugese, Finnish, Swedish

## Dimensions and weights

Without carton  
(with battery)

### RJ-2035B/RJ-2055WB:

79(w) x 36.5(h) x 116(d)

215g

### RJ-3035B/RJ-3055WB:

105(w) x 49.5(h) x 116(d)

375g

## Built-in features

### Printing method

Direct thermal

### Print speed

Maximum 4ips

### Maximum print width

48mm: RJ-2035B/RJ-2055WB

72mm: RJ-3035B/RJ-3055WB

### Maximum print length

2794mm

### Print resolution

203dpi

## Number of labels per battery charge

### RJ-2035B

Approx. 36m or 510 labels

### RJ-2055WB

Approx. 20m or 279 labels

### RJ-3035B

Approx. 90m or 1260 labels

### RJ-3055WB

Approx. 54m or 750 labels

(\*Under Brother standard environment)

## Interfaces

USB Ver.2.0 (Full Speed) (Micro)

Bluetooth version.4.2

RJ-2055WB/RJ-3055WB

Bluetooth version.5.0 MFi

RJ-2035B/RJ-3035B

Wireless LAN IEEE802.11a/b/g/n

supporting 2.4GHz and 5GHz

RJ-2055WB/RJ-3055WB

NFC (Passive)

## Bluetooth profile

### RJ-2035B/RJ-3035B:

Classic; Serial port profile (SPP),  
GATT (low energy)/ iAP supported

### RJ-2055WB/RJ-3055WB:

Classic; Serial port profile (SPP)

## WLAN Security

### RJ-2055WB/RJ-3055WB:

Authentic method (encryption scheme)

Infrastructure mode:

- Open system (None/WEP64/
- WPA/WPA2 PSK (TKIP+AES)
- EAP FAST (TKIP/AES)
- PEAPv0 (TKIP/AES)
- EAP TLS (TKIP/AES)
- EAP TTLS (TKIP/AES)

## Printer commands

FBPL-EZC (EPL2/ZPL2/CPCL)

FBPL-EZP (EPL2/ZPL2/ESC POS) download

\*Connected by Wi-Fi or Bluetooth communications with new battery and full charge. Printed by Brother specified data (12.5% coverage 72mm media length)

\*\*Accessory coming soon. ^RJ-2055WB and RJ-3055WB only. ^^ Dealer option only.

## Printer driver

Microsoft® Windows® 7 / Windows® 8.1 / Windows® 10  
Microsoft® Windows® Server 2012 / Server 2012R2 / Server 2016 / Server 2019  
MAC OS: v 10.11 - 10.15

Linux: Ubuntu V11.04 16.04, Fedora 24  
SUSE Linux Enterprise Server 12,  
CentOS Linux 7.2  
Red Hat Enterprise 7.3

## Windows SDK

Microsoft® Windows® 7 / Windows® 8.1 / Windows® 10

Microsoft® Windows® Server 2012 / Server 2012R2 / Server 2016 / Server 2019

## Mobile SDK

Android v5-v10  
iOS v9-v13.2

Requires 3rd party app development using Brother SDK. Further information available at [www.brother.eu/developer](http://www.brother.eu/developer)

## Software

**BarTender Ultra Lite Edition**  
Barcode label design software

**Brother Printer Management Tool**  
Software to centrally manage devices for updating settings, firmware and other configurations. (Microsoft® Windows® 7 / Windows® 8.1 / Windows® 10 only).  
Microsoft® Windows® Server 2012 / Server 2016 / Server 2019)

## Internal fonts and sizes

8 Alpha-numeric bitmap fonts for FBPL2  
Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font  
Downloadable font support via BPM software

## Barcode symbology

**Linear:**  
Code128UCC, Code128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Standard 2 of 5, Industrial 2 of 5, Code39, Code39 with check digit, Code93, EAN13, EAN8, UPCA, UPCE, EAN and UPC 2 (5) digits add on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, EAN14, Code11, TELEPEN, TELEPEN number, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS.

**2-Dimensional:**  
CODABLOCK F mode, GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF417.

## Environmental

**Drop protection**  
1.8m (without IP54 case)  
2.5m (with IP54 case option)  
(Under Brother standard environment)

**Sealing**  
IP42 without case  
IP54 with case (option)

**Operating temperature**  
-15°C to 50°C

**Operating humidity**  
10% to 90% non-condensing

**Charging temperature**  
0°C to 40°C

**Storage temperature**  
-30°C to 70° C



## Supplies

### Media

#### **BDE-1J000057-030**

Direct thermal receipt roll  
RJ-2035B | RJ-2055WB | RJ-3055WB  
Label size 57mm x 6.6m  
Colour: white

#### **BDE-1J000079-040**

Direct thermal receipt roll  
RJ-3035B | RJ-3055WB  
Label size: 79mm x 14m  
Colour: white

#### **BDE-1J044076-040**

Direct thermal die-cut label rolls  
RJ-3055WB  
Label size: 76 x 44mm  
quantity: 70 labels per roll  
Colour: white

## Optional accessories

### Cases

#### **RJ-2035B/RJ-2055WB:**

PA-CC-002 IP54  
Protective case with shoulder strap

#### **RJ-3035B/RJ-3055WB:**

PA-CC-003 IP54  
Protective case with shoulder strap

### All models:

PA-SS-001 Shoulder strap with adapter

## Power options

#### **RJ-2035B/RJ-2055WB:**

PA-4BC 001 4-bay battery charger  
PA-CR 003 Single-bay cradle/charger\*\*  
PA-4CR 001 4-bay cradle/charger\*\*

#### **RJ-3035B/RJ 3055WB:**

PA-BC 005 Single-bay battery charger  
PA-4BC 002 4-bay battery charger  
PA-CR 004 Single-bay cradle/charger\*\*  
PA-4CR 002 4-bay cradle/charger\*\*

### All models:

PA-CD 001CG Cigarette lighter plug\*\*

## Battery

#### **RJ-2035B/RJ-2055WB:**

PA-BT 008 Rechargeable Li-ion battery

#### **RJ-3035B/RJ 3055WB:**

PA-BT 009 Rechargeable Li ion battery  
PA-BT 010 Rechargeable Li ion Smart battery

## Media handling

#### **RJ-2035B/RJ-2055WB:**

PA-LPR 002 Linerless kit^^  
PA-RS 001 Roll spacer

#### **RJ-3035B/RJ-3055WB:**

PA-LPR 003 Linerless kit^^  
PA-RH 002 Roll holder  
PA-RS 002 Roll spacer

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### Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth.

**brotherearth.com**

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