brother
at your side

RJ series
mobile printers

Product Catalogue
(print version, simplified view)

2022

MODEL	RJ-2035B	RJ-2055WB	RJ-2030	RJ-2050	RJ-2140	RJ-2150
			2 INCH			
Print resolution	203 dpi		203 dpi			
Print technology	Direct thermal		Direct thermal			
Printing speed	101.6 mm/sec. (4 ips)*		152 mm/s (6 ips)*			
Paper feed method	Roll feed		Roll feed			
Sensor type	Reflective		Reflective		Transmissive, reflective	
Printable area	48 mm x 2.794 m (1.89" x 110")		54 mm x 1 m (receipt)		51 mm x 1 m (label) / 54 mm x 1 m (receipt)	
Roll width (max)	58 mm		58 mm			
Roll diameter (max)	30 mm		40 mm		60 mm	
No. of pages per battery charge	36 m or 510 labels*	20 m or 279 labels*	6 400 labels (2" x 1")*			
Memory (RAM / Flash)	32 MB / 16 MB		32 MB / 32 MB			
Temperature	-15°C to +50°C (during operation) -30°C to +70°C (during storage)		-10°C to +50°C (during operation) -20°C to +60°C (during storage)			
Humidity	10% - 90% (no condensation)		10% - 90% (no condensation)			
Battery	Rechargeable Li-ion 7.4V		Rechargeable Li-ion 7.4V			
Interface	Micro USB 2.0, Bluetooth 5.0, MFi NFC (passive only)	Micro USB 2.0, Bluetooth 4.2, WLAN IEEE802.11a/b/g/n NFC (passive only)	USB 2.0 (mini-B), Bluetooth 2.1 + EDR (supported profiles: SPP, OPP, BIP, HCRP)	USB 2.0 (mini-B), Bluetooth 2.1 + EDR (supported profiles: SPP, BIP,OPP, HCRP, iAP, MFi Wi-Fi: IEEE 802.11 b/g/n, Wi-Fi Direct, AirPrint	USB 2.0 (mini-B), Wi-Fi: IEEE 802.11 b/g/n, Wi-Fi Direct, AirPrint	USB 2.0 (mini-B), Bluetooth 2.1 + EDR (supported profiles: SPP, BIP,OPP, HCRP, iAP, MFi Wi-Fi: IEEE 802.11 b/g/n, Wi-Fi Direct, AirPrint
Barcode support	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, TLC39		CODE39, CODE93, CODE128, ITF(I-2/5), EAN-13, EAN-8, UPC-A, UPC-E, CODABAR, GS1-128(UCC/EAN-128) RSS symbols,POSTNET, UPC, EAN EXTENSION, MSI, QR Code (model 1, model 2, micro QR), PDF417 (Standard, Truncate, MicroPDF417), Data Matrix (ECC200 Square, ECC200 Rectangular), MaxiCode, Aztec			
Emulations	EPL2, ZPL2, CPCL, ESC-POS		ZPL2, CPCL			
Supported Command	FBPL-EZC, FBPL-EZP (downloadable)		P-touch Template, Raster, ESC/P			
Sealing Certification	IP42 (whithout case), IP54 (with case - option)		IP54			
Drop Protection	1.8 m (without IP54 case), 2.5 m (with IP54 case- option)*		2.5 m*			
Operating systems	Windows / macOS/ Linux		Windows / Linux			
Mobile OS	Android / iOS / Windows		Android / iOS			
Items included	Belt clip, power adaptor, battery, documentation		Li-ion battery, belt clip, documentation			
Dimensions (W x H x D)	79 x 36.5 x 116 mm		122 x 57 x 100 mm		151 x 73 x 100 mm	
Weight	215 g		465 g		545 g	

* Under Brother standard environment
** Supported barcodes depend on printer command. Please refer to the command reference for details

MODEL	3 INCH				4 INCH	
	RJ-3035B	RJ-3055WB	RJ-3230BL	RJ-3250WBL	RJ-4230B	RJ-4250WB
Print resolution	203 dpi		203 dpi		203 dpi	
Print technology	Direct thermal		Direct thermal		Direct thermal	
Printing speed	101.6 mm/sec. (4 ips)*		127 mm/sec. (5 ips)*		127 mm/sec. (5 ips)*	
Paper feed method	Roll feed		Roll feed		Roll feed	
Sensor type	Reflective	Transmissive, reflective	Transmissive, reflective		Transmissive, reflective	
Printable area	72 mm x 2.794 m (2.83" x 110")		72 mm x 3 m (2.8" x 118.1")		104 mm x 3 m	
Roll width (max)	80 mm		80 mm		114 mm	
Roll diameter (max)	40 mm		66 mm		58 mm	
No. of pages per battery charge	90 m or 1260 label*	54 m or 750 labels*	15 000 labels (76 mm x 29 mm)*		10 000 labels (4" x 1.14")*	
Memory (RAM / Flash)	32 MB / 16 MB		256 MB / 128 MB		256 MB / 64 MB	
Temperature	-15°C to +50°C (during operation) -30°C to +70°C (during storage)		During operation: -20°C to +55°C; -10°C to +35°C (with peeler); +10°C to +30°C (with linerless) During charge: 0°C to +40°C; During storage: -20°C to +60°C		During operation: -20°C to +55°C; -10°C to +40°C (AC adapter); -10°C to +50°C (car adapter) During storage: -20°C to +60°C	
Humidity	10% - 90% (no condensation)		10% - 90% (no condensation); 50% (with peeler / linerless)		10% - 90% (no condensation)	
Battery	Rechargeable Li-ion 7.4V		Rechargeable Li-ion 7.2V		Rechargeable Li-ion 7.2V	
Interace	Micro USB 2.0, Bluetooth 5.0, MFi NFC (passive only)	Micro USB 2.0, Bluetooth 4.2, WLAN IEEE802.11a/b/g/n NFC (passive only)	USB 2.0 (Type C), Bluetooth 5.0 (supported profiles: SPP, OPP, HCRP, GATT, iAP) 10/100Mbps Ethernet (optional) MFi, NFC (passive only)	USB 2.0 (Type C), Bluetooth 5.0 (supported profiles: SPP, OPP, HCRP, GATT, iAP); 10/100Mbps Ethernet (optional) Wi-Fi IEEE 802.11 b/g/n; Wi-Fi Direct, AirPrint MFi, NFC (passive only)	USB 2.0 (mini-B), Bluetooth 4.2 (supported profiles: SPP, OPP, HCRP, iAP), MFi NFC (passive only)	USB 2.0 (mini-B), Bluetooth 4.2 (supported profiles: SPP, OPP, HCRP, iAP), MFi Wi-Fi IEEE 802.11 b/g/n, Wi-Fi Direct, AirPrint NFC (passive only)
Barcode support	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, TLC39		Linear: CODE39, ITF(I-2/5), EAN-8(JAN8), EAN-13(JAN13), UPC-A, UPC-E, CODABAR(NW-7), CODE128, GS1-128(UCC/EAN-128), POSTNETCODE93, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode, Industrial 2-of-5, Standard 2-of-5 2 dimensional: QR Code, PDF417, MaxiCode, Aztec, Micro QR Code, MicroPDF417, DataMatrix, GS1 DataBar**		Linear: CODE 39, ITF(I-2/5), EAN-8, EAN-13, UPC-A, UPC-E, UPC/EAN EXTENSION, CODABAR, CODE 128, GS1-128(UCC/EAN 128), Postnet, GS1 Databar (Omnidirectional/Truncated/Stacked/Stacked Omnidirectional/Limited/Expanded/Expanded Stacked), CODE93, MSI/Plessey, Inteligent Mail Barcode 2-dimensional: QR Code (model 1, model 2, micro QR), Maxi code, PDF417 (Standard, Truncate), PDF417 (Standard, Truncate), MicroPDF417, Data Matrix (Square, Rectangular), AztecCode	
Emulations	EPL2, ZPL2, CPCL, ESC-POS		ZPL2, CPCL		ZPL2, CPCL	
Supported Command	FBPL-EZC, FBPL-EZP (downloadable)		P-touch Template, ESC/P, Raster		P-touch Template, ESC/P, Raster	
Sealing Certification	IP42 (whithout case), IP54 (with case - option)		IP54		IP54	
Drop Protection	1.8 m (without IP54 case), 2.5 m (with IP54 case - option)*		2 m*		2.1 m*	
Operating systems	Windows / macOS / Linux		Windows / Linux		Windows / Linux	
Mobile OS	Android / iOS / Windows		Android / iOS		Android / iOS	
Items included	Belt clip, power adaptor, battery, documentation		Belt clip, battery, roll holder stop, documentation		Belt clip, documentation, adjuster guide lockers	
Dimensions (W x H x D)	105 x 49.5 x 116 mm		117 x 77 x 180 mm		153 x 68 x 159 mm	
Weight	375 g		807 g		850 g	

* Under Brother standard environment
** Supported barcodes depend on printer command. Please refer to the command reference for details

Brother's wide range of accessories enables customisation to meet all mobile print solutions.

ACCESSORIES AND PRINT SUPPLIES		
ACCESSORY TYPE	ACCESSORY	COMPATIBLE PRINTERS
AC adaptor	PA-AD600AEU	RJ-2030, RJ-2050, RJ-2140, RJ-2150, RJ-3230BL, RJ-3250WBL, RJ-4230B, RJ-4250WB
Battery eliminator kit (cigarette)	PA-BEK-001CG	RJ-3230BL, RJ-3250WBL, RJ-4230B, RJ-4250WB
Battery eliminator kit (wired)	PA-BEK-001WR	RJ-3230BL, RJ-3250WBL, RJ-4230B, RJ-4250WB
Rechargeable Li-ion battery	PA-BT-003	RJ-2030, RJ-2050, RJ-2140, RJ-2150
	PA-BT-008	RJ-2035B, RJ-2055WB
	PA-BT-009	RJ-3035B, RJ-3055WB
Rechargeable Li-ion smart battery	PA-BT-006	RJ-3230BL, RJ-3250WBL, RJ-4230B, RJ-4250WB
	PA-BT-010	RJ-3035B, RJ-3055WB
1-slot battery charger	PA-BC-002	RJ-2030, RJ-2050, RJ-2140, RJ-2150
	PA-BC-003	RJ-3230BL, RJ-3250WBL, RJ-4230B, RJ-4250WB
	PA-BC-005	RJ-3035B, RJ-3055WB
4-slot battery charger	PA-4BC-001	RJ-2035B, RJ-2055WB
	PA-4BC-002	RJ-3035B, RJ-3055WB
1-slot charging cradle	PA-CR-003	RJ-2035B, RJ-2055WB
	PA-CR-004	RJ-3035B, RJ-3055WB
	PA-CR-005***	RJ-3230BL, RJ-3250WBL
Vehicle mount charging cradle	PA-CR-002A	RJ-4230B, RJ-4250WB
4-slot charging cradle	PA-4CR-001	RJ-2035B, RJ-2055WB
	PA-4CR-002	RJ-3035B, RJ-3055WB
	PA-4CR-003***	RJ-3230BL, RJ-3250WBL
Car adaptor (cigarette)	PA-CD-001CG	RJ-2035B, RJ-2055WB, RJ-3035B, RJ-3055WB
	PA-CD-600CG	RJ-2030, RJ-2050, RJ-2140, RJ-2150, RJ-3230BL, RJ-3250WBL, RJ-4230B, RJ-4250WB
Car adaptor (wired)	PA-CD-600WR	RJ-2030, RJ-2050, RJ-2140, RJ-2150, RJ-3230BL, RJ-3250WBL, RJ-4230B, RJ-4250WB
Shoulder strap	PA-SS-001	RJ-2035B, RJ-2055WB, RJ-3035B, RJ-3055WB
	PA-SS-4000	RJ-2030, RJ-2050, RJ-2140, RJ-2150, RJ-3230BL | RJ-3250WBL, RJ-4230B, RJ-4250WB
Peeler	PA-LP-007	RJ-3230BL, RJ-3250WBL
Linerless platen roller	PA-LPR-001	RJ-4230B, RJ-4250WB
	PA-LPR-002	RJ-2035B, RJ-2055WB
	PA-LPR-003	RJ-3035B, RJ-3055WB
	PA-LPR-004	RJ-3230BL, RJ-3250WBL
Roll holder	PA-RH-002	RJ-3035B, RJ-3055WB
Roll spacer	PA-RS-001	RJ-2035B, RJ-2055WB
	PA-RS-002	RJ-3035B, RJ-3055WB

MEDIA OPTIONS				
MEDIA TYPE	MEDIA SIZE	COLOUR	MEDIA	COMPATIBLE PRINTERS
Continuous Receipt Roll	58 mm x 13.8 m	white	BDL-7J000058-040	RJ-2030, RJ-2050, RJ-2140, RJ-2150, RJ-3230BL, RJ-3250WBL, RJ-4230B, RJ-4250WB
	76 mm x 42 m	white	BDL-7J000076-066	RJ-3230BL, RJ-3250WBL
	101.6 mm x 32.2 m	white	BDL-7J000102-058	RJ-4230B, RJ-4250WB
	57 mm x 6.6 m	white	BDE-1J000057-030	RJ-2035B, RJ-2055WB
	79 mm x 14 m	white	BDE-1J000079-040	RJ-3035B, RJ-3055WB
Die Cut Labels Roll	51 mm x 26 mm Quantity: 500 per roll	white	BDE-1J026051-060	RJ-2140, RJ-2150
	76 mm x 44 m Quantity: 400 per roll	white	BDE-1J044076-066	RJ-3230BL, RJ-3250WBL
	102 mm x 152 mm Quantity: 85 per roll	white	BDE-1J152102-058	RJ-4230B, RJ-4250WB
	76 mm x 44 mm Quantity: 70 per roll	white	BDE-1J044076-040	RJ-3055WB

THERMAL PRINT TECHNOLOGY

Brother's thermal RJ printers are flexible, versatile and offer operational mobility virtually anywhere, allowing you to print on a variety of media wherever you need to. With a range of connectivity options, accessories and supplies - Brother have the solution to meet your business printing needs.

Printers using advanced direct thermal technology produce an image by heating specially coated thermal paper.

When the paper passes over the thermal print head, the coating turns black in the areas where it is heated, producing an image. Thermal printing is increasingly considered by many as the only realistic solution for mobile applications for a number of reasons.

Thermal print technology enables busy mobile workers to be able to focus on the job at hand without the inconvenience, or the added cost of purchasing ink and toner.

WHY RJ SERIES?

RUGGED DESIGN

Due to the nature of many mobile applications, printers may be exposed to a range of outdoor conditions which can affect the print operation or cause damage, e.g. a traffic warden printing in the field. However, all RJ printers are tested against IP54 protection standards, offering that extra peace of mind for such outdoor applications subject to damp / moisture or indoor environments where dust is present. In addition, the RJ range is drop tested up to 2.5 metres to provide extra credibility in terms of toughness and reliability.

WHERE CAN WE USE BROTHER RJ SERIES?

Brother provide a comprehensive range of RJ mobile printers. They feature impressive print speeds and a rugged build quality to fit the requirements of a wide range of vertical market applications. Bluetooth, Wi-Fi & USB connectivity options make it possible for busy mobile workers to print on site or in the field.

RETAIL
▼
DIRECT STORE DELIVERIES
▼
FIELD SERVICE
▼
PUBLIC SAFETY
▼
WAREHOUSING

SOFTWARE SUPPORT FEATURES

Brother provides all the necessary tools required for software developers to integrate printing into their mobile applications. **(sofware availability depending on the model).**

TEMPLATE MODE

Design the required document on your Windows PC, including logos and barcodes. Once transferred and stored in the printer's memory, the template can be recalled and any data replaced, before printing with just a few short commands.

AIRPRINT AND MFI SUPPORT

Easily connect to, and print from Apple devices thanks to AirPrint and MFi support.

MOBILE DEPLOY

Cloud-based app for mobile devices (iOS and Android), which allows IT administrators to remotely update and configure multiple Brother mobile printers. Using Mobile Deploy, the administrator can easily upload new update packages to an online location, and then share the URLs with the users.

PRINTER COMMANDS

With support for ZPL2 emulation, CPCL emulation in addition to ESC-POS commands, developers can easily integrate mobile printing into existing legacy systems.

WHY CHOOSE BROTHER?

3 years return-to-base warranty

We feel it's extremely important to make sure expert help is at hand when things go wrong.

That's why we offer a three-year return-to-base warranty as standard with all of our thermal printers.

„At your side"

Our award-winning specialist support team is on standby to offer support and advice for any integration needs. We also have Brother sales representatives across Europe and the rest of the world who are easy to contact and happy to help.

The print experts

From our versatile range of multifunction printers, scanners and label printers, to our business solutions that help personalise your technology to suit your business needs, we pride ourselves on being "the print experts" and having a print solution for any application.

2, 3 and 4" rugged mobile label and receipt printers

Empower your workers to create and amend labels and receipts anywhere, any time.

Brother

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