



A4 mobile printers built for printing on the move

PJ-822 / PJ-823 / PJ-862 / PJ-863 / PJ-883 Data Sheet

Printers designed for when you need them the most

These compact mobile printers offer a durable 'in the field' mobile printing solution for sales/service, logistics and public safety/emergency services officials. Bluetooth, Wi-Fi and USB-C connections conveniently link to smartphones, tablets and laptops.

Key Features:

- **Compact and rugged design**
- **Fast printing while you work: Print speeds up to 13.5ppm**
- **Variety of connectivity options: USB-C, NFC, Bluetooth and Wi-Fi**
- **Li-ion battery designed to last up to 600 A4 pages¹**
- **AirPrint & Mopria™ compatibility for printing without printer drivers²**



General

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|------------------|---|
| Carton contents | USB Cable (Type A-Type C) Quick Start Guide Cleaning Sheet |
| Language support | Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska |

Dimensions & Weights

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| Without carton | 255mm(w) x 55mm(d) x 30mm(h) 610 g with battery ³ 480 g with dummy battery 430 g without battery |
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Built In Features

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| Printing Method | Direct Thermal |
| Print Resolution | PJ-822 PJ-862 : 203dpi PJ-823 PJ-863 PJ-883 : 300dpi |
| Maximum print speed | 13.5ppm ¹ |
| Maximum print width | 203.2mm |
| Maximum print length | 279.4mm |
| Minimum media width | Cut sheet 148 mm (A5) Roll paper 210 mm (A4) |
| Maximum media width | Cut sheet 215.9 mm (Letter/Legal) Roll paper 215.9 mm (Letter/Legal) |
| Media thickness | 0.16mm or less |
| Media sizes | A4, A5, Letter, Legal, continuous |
| Media types | Paper and Synthetic Full-page: Cut Sheet, Continuous Roll, Perforated Roll, Fan-Fold Labels: Cut Sheet, Fan-Fold |
| Battery capacity (option) | 1,750mAh |
| Battery yield (option) | Approx. 600 A4 sheets ¹ |
| Battery charging time | 2 hours (using optional power adapters) |
| Interfaces | All models: USB Ver.2.0 (Full Speed) (Type C) PJ-862 PJ-863 PJ-883 : Bluetooth v5.2 (Classic + BLE) NFC (for pairing – Android only) PJ-883 : Wireless LAN IEEE802.11a/b/d/g/i/n supporting 2.4GHz and 5GHz bands |
| Bluetooth profile | SPP, OPP, HCRP (Bluetooth Classic), GATT (Low Energy), iAP supported |

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| Wi-Fi security | Authentic method (encryption scheme) Infrastructure mode: Open system(None/WEP64/WEP128) Common key authentication (WEP) WPA/WPA2-PSK/WPA3-SAE (TKIP+AES) WPA3-SAE (AES) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES) TLS 1.0/1.1/1.2/1.3 Authentic method (encryption scheme) Wireless direct mode: WPA2-PSK (AES) WPS (Wi-Fi Protected Setup) 802.11i |
| Printer commands | Raster graphic ESC/P Legacy(ESC/P_P) ESC/P Brother(ESC/P_B) P-touch Template ZPL II emulation |
| Internal fonts & sizes | <ESC/P> Bitmap font: Gothic (16, 24, 32dot), Letter Gothic Bold, Helsinki (16, 24, 32, 48dot), Brussel, San Diego, Brougham (24, 32, 48dot) Outline font: Gothic, Letter Gothic, Helsinki, Brussel (Max: 400dot) <P-touch Template> Outline font: Gothic, Letter Gothic, Helsinki, Brussel (Max: 400dot) <ZPL II emulation> Bitmap font: "A", "B", "C", "D", "E", "F", "G", "H" Outline font: "0" |
| Memory | RAM: 256 MB Flash: 64 MB (User area: 30 MB) |
| Internal Barcode | Linear: <Common> CODE39, ITF(I-2/5), EAN-8(JAN8), EAN- 13(JAN13), UPC-A, UPC-E, CODABAR(NW- 7), CODE128, GS1-128(UCC/EAN-128), POSTNET, GS1 DataBar (RSS) <Additional ESC/P mode> CODE93, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode <Additional P-touch Template mode> Intelligent Mail Barcode <Additional ZPL II mode> CODE93, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode, Industrial 2-of-5, Standard 2-of-5 2D : <Common> QR Code, PDF417, MaxiCode, Aztec <Additional ESC/P mode> Micro QR Code, MicroPDF417, DataMatrix <Additional P-touch Template mode> GS1 Databar Composite, Micro QR Code, MicroPDF417, DataMatrix <Additional ZPL II mode> GS1 Databar Composite, MicroPDF417, DataMatrix |

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|--------------------------|---|
| Operating system support | Microsoft® Windows® 8.1 / 10 / 11 / Server 2012 / Server 2012R2 / Server 2016 / Server 2019 / Server 2022 |
| | macOS 10.15 / 11 / 12 |
| | Linux Red Hat and Debian |
| Windows SDK | Microsoft® Windows® 7 / 8.1 / 10 / Server 2012 / Server 2012R2 / Server 2016 / Server 2019 |
| Mobile SDK | Android v8 or later iOS v11 or later ¹ ¹ Supports Bluetooth communication from ver. 12.2 or later. Requires 3rd party app development using Brother SDK. Further information available at https://support.brother.com/g/s/es/dev/en/index.html?c=eu |
| Software | P-touch Editor – Barcode label design software Brother Print Service Plugin – Driverless printing from Android devices (version 5.0 and above) Mobile Deploy App – Remote printer configuration Brother Font Manager – Font download tool (Windows® only via USB) ⁴ Printer Settings Tool – Device configuration software (Windows® only via USB) BRAdmin Pro 4 – Device management (Windows® only) |

Environmental

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| Operating Temperature | Printing with Battery/Car Adapter : -10°C to 50°C Printing with AC Adapter : -10°C to 40°C Charging : 0°C to 40°C |
| Operating Humidity | 20% to 80% non-condensing |
| Storage Temperature | -20°C to 60° C |
| Storage Humidity | 10% to 90% non-condensing |

Supplies

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| Media type ⁵ | Cut sheet paper : PA-C-411 (A4 100 sheets) |
| | Roll Paper : PA-R-411 A4 width/100 sheets at A4 length (6 rolls per box) |

Optional Accessories

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| Paper Handling | PA-RH-600 Paper roll holder PA-PG-003 Paper guide (PJ-822/823) PA-PG-004 Paper guide (PJ-862/863/883) |
| Battery | PA-BT-002 |
| Carry case | PA-CC-500 Protective carry case PA-RC-001 Roll printer case (IP54 rated) PA-RB-001 Rubber protective cover |
| AC mains adapter | PA-AD-600AEU 2-pin EU plug PA-AD-600AUK 3-pin UK plug |
| AC mains USB charging adapter | PA-AD-003EU USB Type-C 2-pin EU plug PA-AD-003UK USB Type-C 3-pin UK plug |
| Car power adapter | PA-CD-600CG Cigarette lighter plug (15v) PA-CD-600WR Permanently wired (15v) |
| Vehicle mount | PA-CM-500 |

¹ Under Brother standard test conditions, using A4 size with JAITA J1 pattern (1.9% coverage) at a temperature of 23 degrees C, via USB using Li-ion battery with full charge or AC adapter.

² PJ-883 only.

³ Option – PA-BT-002

⁴ Font Licensee permissions are required

⁵ For additional supplies information, please contact your local Brother office

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