

A person wearing a high-visibility yellow and green safety vest is looking at a printed document on a mobile printer. The document is a data sheet with multiple columns and rows of text. The printer is a compact, portable device. The background is slightly blurred, showing what appears to be an industrial or construction setting.

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

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

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

Built In Features

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

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(1-2/5), 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

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 [^] [^] 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

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

Media type⁵	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

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

All specifications are correct at the time of printing and are subject to change without notice. Brother and the brother logo are both trademarks of Brother Industries, Ltd., registered in Japan and certain other countries. Any trade names, logos and product names of other companies appearing are trade names or trademarks of those respective companies.

BIE Product Planning: Last updated 06/05/2022