brother
at your side

PJ-800 Series
A4 mobile
printer range

www.brother.eu

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 connections conveniently link to smartphones, tablets and laptops.

- A4 sized printing in a compact design
- Fast print speed - up to 13.5 pages per minute
- High quality print resolution up to 300dpi
- Direct thermal - No ink or toner required
- Powered by rechargeable batteries or AC adapter/vehicle power adapters
- Multiple connection methods available including Bluetooth, Wireless Direct, Wi-Fi and USB

Ultra compact 26cm long

Why choose a mobile printer from Brother?

In the modern business climate, companies today are striving to differentiate themselves from the competition and are therefore investing in technologies which will increase worker productivity and improve customer satisfaction.

Mobile printers are now being recognised as an integral part of the overall mobile mix, due to the many benefits they offer to field workers and their overall Return On Investment (ROI).

The benefits of printing on the move...

- Increased efficiency, freedom and mobility
- Reduced office administration costs
- Increased customer confidence with on-site printouts
- Greater accuracy reducing human error
- Valuable business tool for closing deals instantly

Vertical markets & applications

Field Sales

Exceed customer expectations by using the PJ-800 series printer while on the move or on site. Busy field sales professionals are able to print whatever is required at the their customers' premises without having to communicate back to the office, giving them more time to visit other customers.

Applications:

- Invoices
- Reports
- Quotations
- Contracts
- Terms & conditions
- Financial planning

Field Service

Mobile engineers are able to increase efficiency and accuracy by leaving hard copies of documents while on the move, and reduce the risk of any future queries.

Applications:

- Invoices
- Service reports
- Quotations
- Parts and labour
- Diagnostics

Logistics & Deliveries

Print a wide range of documents while on the road, in the truck or at your customer's premises. The fast print speed is ideal for busy delivery drivers with hectic schedules.

Applications:

- Invoices
- Order forms
- Delivery notes
- Stock data
- Guarantees

Emergency Services

The PJ-800 series printers have become increasingly popular in the emergency services for a variety of applications. When used together with the vehicle mount & car charger, they have proved to be the perfect in-vehicle solution for the Police, Ambulance and Fire Services on a global scale. By printing medical documents and penalty fines on demand they can reduce the risk of clerical errors saving officers and medical staff valuable time.

Applications:

- Citations and fines
- Patient reports
- Incident reports
- Warning notices

Thermal print technology

When investigating the options for mobile technology, key decision makers are increasingly considering thermal printers as the only true and reliable solution for field professionals.

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:

Lets busy mobile workers to be able to focus on the job at hand without the inconvenience, or the added cost of purchasing ink, toner or ribbons.

No downtime due to ink, toner or ribbons running out, and being unable to source replacements quickly.

Enables the machine to be mounted however required, in any orientation, and can also be carried around without the risk of spillages, leaks and smudges.

Less susceptibility to fluctuating seasonal temperatures and humidity extremes compared to other mobile technologies.

Further features include...

- Basic Imaging Protocol (BIP) support for downloading and printing JPEG files.
- The ability to store document overlays in the printer to minimise data transfers.
- Fully featured design software for creating & downloading the document overlays.
- ZPL2 emulation along with other printer command languages offers compatibility with a variety of embedded systems.

At just 26 cm wide and weighing approximately 480g (excluding battery), the PJ-800 series offers a true A4 mobile solution that fits easily into a briefcase or computer bag, and can be mounted in vehicles or other work areas. A4 size is considered ideal for printing documents where more detailed information is required, such as invoices, service reports and delivery notes. There is also a full range of accessories available, allowing the PJ-800 series to be fully customised as needed.
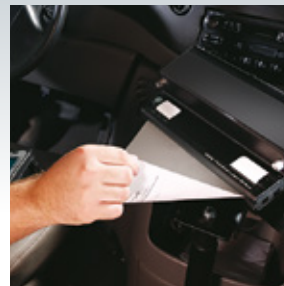

Direct thermal printing offers the most reliable technology for mobile printing solutions

Seamless connections with Bluetooth, Wi-Fi, USB and communications to other devices

Compact, lightweight design for ultimate portability

Use A4 cut sheet paper or continuous paper rolls. Simply tear the paper once printed

Software support and features

Brother can provide the necessary tools required for software developers to integrate the print function into their mobile app. Printer drivers are available for Windows® OS, and Software Development Kits can be provided to support Apple iOS, Android and applications.

To see more information visit:
https://support.brother.com/g/s/es/dev/en/index.html

Choice of power options including Li-ion rechargeable battery, AC adapters or vehicle power kits

Durable, and dependable. The PJ-800 series has been designed for reliable printing in many environments

Step 1: Choose your printer

Model Comparison	PJ-822	PJ-823	PJ-862	PJ-863	PJ-883
USB Type-C	✓	✓	✓	✓	✓
Bluetooth interface			✓	✓	✓
Wi-Fi (Adhoc/Infrastructure/Wireless Direct)					✓
203 x 200 dpi print resolution	✓		✓		
300 x 300 dpi print resolution		✓		✓	✓
Template download/printing mode	✓	✓	✓	✓	✓
ESC/P & Brother command modes including ZPL2 emulation	✓	✓	✓	✓	✓
MFi			✓	✓	✓

Step 2: Choose your power options

PA-BT-002

Li-ion
rechargeable battery

PA-AD-600AEU

AC adapter
(EU)

PA-AD-600AUK

AC adapter
(UK)

PA-CD-600CG

12V car adapter
(cigarette socket)

PA-CD-600WR

12V car adapter
(permanently wired)

PA-AD-003EU

AC adapter for
USB Type-C (EU)*

PA-AD-003UK

AC adapter for
USB Type-C (UK)*

* For charging only

Step 3: Choose your case and mounting option

PA-RH-600

Paper roll holder

PA-CM-500

Car mounting kit

PA-RB-001

Protective cover

PA-PG-003

Paper guide for
USB only models

PA-RC-001

Roll printer case

PA-PG-004

Paper guide for
BT / Wi-Fi models

PA-CC-500

Carry case

Step 4: Choose your paper

PA-R-411

A4 paper roll
(6 rolls per box)

PA-C-411
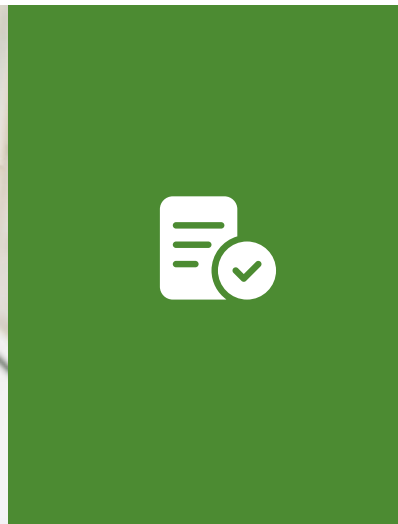
A4 cut sheet paper
(100 sheets)

Specification and Features

	PJ-822	PJ-823	PJ-862	PJ-863	PJ-883
PRINTING					
Print technology	Direct thermal				
Print resolution	203dpi	300dpi	203dpi	300dpi	300dpi
Print speed	13.5ppm	13.5ppm	13.5ppm	13.5ppm	13.5ppm
Print width (maximum)	203.2mm	203.2mm	203.2mm	203.2mm	203.2mm
Print length (minimum)	279.4mm	279.4mm	279.4mm	279.4mm	279.4mm
MEDIA					
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				
Media thickness	0.16mm or less				
Media width (minimum)	Cut sheet paper 148 mm (A5). Roll paper 210mm (A4)				
Media width (maximum)	Cut sheet paper 215.9 mm (Letter/Legal). Roll paper 215.9 mm (Letter/Legal)				
CONNECTIVITY					
USB	USB Ver.2.0 (Full Speed) (Type C)				
Bluetooth	N/A		Ver.5.2 (Classic + BLE)		
Bluetooth Profile	N/A		SPP, OPP, HCRP (Bluetooth Classic), GATT (Bluetooth Low Energy) iAP		
Wi-Fi	**PJ-883 ONLY** Wireless LAN (5GHz) IEEE 802.11 a/n, 802.11i, 802.11r, WPS2.0 (Infrastructure Mode) Wireless LAN(2.4GHz) IEEE 802.11 b/g/n, 802.11i, 802.11r, WPS2.0 (Infrastructure Mode) IEEE 802.11 g/n, 802.11d, 802.11i (Wireless Direct Mode)				
Wi-Fi security	**PJ-883 ONLY** 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				
MFi support	N/A		Yes		Yes
AirPrint / Mopria™	N/A		N/A		Yes
Wireless Direct	N/A		N/A		Yes
NFC	N/A		Yes (for pairing - Andriod only)		
GENERAL					
Control panel	3 LEDs with 2 buttons		4 LEDs with 3 buttons		
POWER					
Supply for printing	Li-ion Battery (PA-BT-002) AC Adapter (PA-AD-600A) DC Vehicle Adapter (PA-CD-600CG/WR)				
Battery charging option	AC Adapter (PA-AD-600A) DC Vehicle Adapter (PA-CD-600CG/WR) USB Type-C (PA-AD-003)				
Battery capacity	1,750 mAh				
Battery yield	Approx. 600 sheets (Under Brother standard environment)				
Charging time	2 hours with AC Adapter (PA-AD-600A, option) 2 hours with DC Vehicle Adapter (PA-CD-600CG/WR, option) 2 hours with USB Type-C Adapter (PA-AD-003, option)at normal temperature condition				
MEMORY					
RAM	256MB				
Flash	64MB (User area: 30MB)				
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/32°F to 104°F				
Operating humidity	20% to 80% non-condensing				
Storage temperature	-20°C to 60°C				
Storage humidity	10% to 90% non-condensing				
WEIGHTS & DIMENSIONS					
Dimensions	255 mm (W) x 55 mm (D) x 30 mm (H)				
Weight	610g with battery (optional) 480g with dummy battery 430g without battery				

Specification and Features continued

	PJ-822	PJ-823	PJ-862	PJ-863	PJ-883

SOFTWARE

Operating system support	Microsoft® Windows® 8.1 / 10 / 11 Microsoft® Windows Server® 2012 / 2012 R2 / 2016 / 2019 / 2022 macOS® 10.15 / 11 / 12 Linux Red Hat and Debian
Mobile OS	Android 8-12 iOS 11-15* * Supports Bluetooth communication from ver. 12.2 or later. For the latest information, see the developer's website.
Supported commands	Raster graphic ESC/P Legacy (ESC/P_P) ESC/P Brother (ESC/P_B) P-touch Template ZPL2 emulation
Barcode symbologies	Linear (1 dimensional barcode symbologies) <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 (2 dimensional barcode symbologies) <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 *Supported barcodes depend on printer command. Please refer to the command reference for details.
Internal fonts	<ESC/P> Bitmap font: Gothic (16, 24, 32dot), Letter Gothic Bold, Helsinki (16, 24, 32, 48dot), Brussel, San Diego, Broughham (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"

INCLUDED ITEMS

Included in box	USB Cable (Type A-Type C) mainly for data communication rather than charging Quick Start Guide Cleaning Sheet

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Contact: