



# Network label printer

QL-820NWBc



CONTINUOUS  
ROLL



PRE-SIZED  
LABELS



BLUETOOTH  
CONNECTION



NETWORK  
CONNECTION



PC  
CONNECTION

[brother.co.uk/QL820NWBc](http://brother.co.uk/QL820NWBc)

# Network label printer

The Brother QL-820NWb is a flexible label printer which integrates with your connectivity requirements. Print labels from your PC, Mac, smartphone or tablet using USB, Ethernet, Wi-Fi and Bluetooth.

**QL-820NWb**



## Key Features:

- Choose from pre-sized labels or Brother's continuous roll option which allows you to print labels to the size you need up to 1 metre in length
- USB, Ethernet, Wi-Fi and Bluetooth connectivity with support for MFi and AirPrint
- Large backlit LCD display for easy set-up and operation
- Integrated cutter to create your own length labels
- Print in black and red without needing ink or toner

## High-speed, flexible label printing

The Brother QL-820NWb is a high-speed flexible label printer which labels from a PC, Mac, smartphone or tablet using USB, Ethernet, Wi-Fi and Bluetooth. Alternatively, use it in standalone mode by selecting and printing labels previously designed and uploaded to the memory, using the integrated backlit LCD display.

When used with special rolls, the QL-820NWb prints labels that can contain both black and red print without needing any ink.

And when you can print custom sized labels up to one metre in length using the built-in cutter and continuous rolls, you can see why this is the most advanced label printer available.



## Included items

Printer  
DK-11201(100 labels)  
DK-22251- 62mm width  
continuous roll (5 metres)

USB cable  
AC power cord  
AC Adapter  
Documentation

## Printing / Media

**Printing technology**  
Direct thermal

**Maximum print width**  
60.96mm

**Media sensor type**  
Reflective

**Print resolution**  
300 x 300dpi

**Minimum label length**  
12.7mm

**Cutter**  
Yes (full cut / guillotine type)

**Maximum print speed\***  
110 labels per minute or  
176mm per second

**Maximum label length**  
1 metre

**Media types**  
DK rolls (DK pre-sized labels /  
DK continuous tape)

**Label widths**  
12mm - 62mm

## Control panel

**Buttons**  
Power / Feed / Cut /  
P-touch Editor Lite

## Connectivity

**USB**  
USB version 2.0 full-speed  
(type B)

**Bluetooth profiles**  
SPP (Serial Port Profile)  
OPP (Object Push Profile)  
HCRP (Hard Copy Cable  
Replacement Profile)

**iOS and Android  
compatibility**  
Yes (including MFi and AirPrint)

**Bluetooth**  
Bluetooth 5.2

## Memory

**Flash (for label templates)**  
6MB

**Locations  
(for label templates)**  
255

## Power

**Power**  
220-240V AC internal  
power supply

**Auto sleep mode**  
Yes

## Weights / Dimensions

**Dimensions**  
125 (w) x 234 (d) x 145 (h) mm

**Weight**  
1.16kg

## Software / Firmware

### Operating system support

(visit <http://support.brother.com> for latest downloads and support)

Windows:

Vista, 7, 8, 8.1, 10, 11,  
Server 2008, 2008 R2, 2012,  
2012 R2, 2016, 2019, 2022

Mac:

10.10, 10.11, 10.12, 10.13,  
10.14, 10.15, 11, 12

iOS 6 (SDK), 7 (SDK), 8, 9  
(iPrint&Label App)

iOS 7, 8, 9, 10, 11 (iOS SDK)

Android 4.1 or greater

(iPrint&Label App)

Android 4.0.3 or greater

(Android SDK)

### Label editor support

P-touch Editor (Windows/Mac)

Add-In for Microsoft Word/

Excel/Outlook

iPrint&Label (iOS/Android)

### SDK availability

(visit <http://www.brother.eu/developer>)

b-PAC (for Windows)

iOS SDK

Android SDK

### Supported printer

#### commands

ESC/P

P-touch template

Raster

### Template update by

#### FTP transfer

Yes

### Label crop and print

(convert A4 sheets of labels to individual labels automatically)

Yes (Windows only)

### Barcode symbologies

(using P-touch Editor for Windows)

CODE39, CODE128, UCC/  
EAN128 (GS1-128), ITF(I-2/5),  
CODABAR(NW-7), UPC-A,  
UPC-E, EAN13, EAN8, ISBN-2  
(EAN13 AddOn2), ISBN-5  
(EAN13 AddOn5), Laser  
Barcode, POSTNET, RSS  
(RSS14 Standard, RSS14  
Truncated, RSS14 Stacked,  
RSS14 Stacked Omni, RSS  
Limited, RSS Expanded, RSS  
Expanded Stacked), PDF417  
(Standard, Truncate, Micro),  
QR code (Model1, Model2,  
Micro), Data Matrix (ECC  
Square, ECC Rectangular),  
MaxiCode (Model2, Model3,  
Model4, Model5), IMB

### Barcode symbologies

(using P-touch Editor for Mac)

CODE39, CODE128, UCC/  
EAN128(GS1-128), ITF(I-2/5),  
CODABAR(NW-7), UPC-A,  
UPC-E, EAN13, EAN8, ISBN-2  
(EAN13 AddOn2), ISBN-5  
(EAN13 AddOn5), Laser  
Barcode, POSTNET,  
GS1 DataBar (RSS) (GS1  
DataBar Omnidirectional,  
GS1 DataBar Truncated,  
GS1 DataBar Stacked,  
GS1 DataBar Stacked  
Omnidirectional, GS1 DataBar  
Limited, GS1 DataBar  
Expanded, GS1 DataBar  
Expanded Stacked), PDF417  
(Standard, Truncate, Micro), QR  
code (Model1, Model2, Micro),  
Data Matrix (ECC Square, ECC  
Rectangular), MaxiCode  
(Model2, Model3, Model4,  
Model5), IMB

### Barcode symbologies

(Built-in printer firmware)

CODE39, CODE128, UCC/  
EAN-128 (GS1-128), ITF(I-2/5),  
CODABAR (NW-7), UPC-A,  
UPC-E, EAN13 (JAN13), EAN8,  
GS1 DataBar (RSS)(GS1  
DataBar Omnidirectional,  
GS1 DataBar Truncated,  
GS1 DataBar Stacked,  
GS1 DataBar Stacked  
Omnidirectional, GS1 DataBar  
Limited, GS1 DataBar  
Expanded, GS1 DataBar  
Expanded Stacked), PDF417  
(Standard, Truncate, Micro),  
QR Code (Model 1, Model 2,  
Micro), Data Matrix (ECC200  
Square, ECC200 Rectangular),  
MaxiCode, CODE93,  
POSTNET, UPC-E EXTENTION

### Internal fonts

Bitmap fonts: Helsinki, Brussels,  
Letter Gothic Bold, San Diego,  
Brougham. Bitmap font sizes:  
24 dots, 32 dots, 48 dots.

Outline fonts: Helsinki, Brussels,  
Letter Gothic. Outline font sizes:  
33 dots - 400 dots (22 sizes)

\* Brother standard test environment. Using DK-11201 standard labels and USB connection.



### 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.

[www.brotherearth.com](http://www.brotherearth.com)

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