# Brother
# RuggedJet 3200 Series

**3-INCH MOBILE LABEL & RECEIPT PRINTERS**

## Easily paired and connected rugged mobile printers

**Product datasheet**

RJ-3230BL

RJ-3250WBL

![brother at your side]

# The right technology, at the right time.

Meet our most feature-packed yet compact high-capacity three-inch label printer ever – with all the right tech for your rapidly changing work. Connect effortlessly with MFi, NFC pairing, and both *Bluetooth*® and Wi-Fi® radios. Stay connected with a cutting-edge microprocessor, and sprint through demanding print jobs with all-day battery efficiency. Count on multiple charging options and mobile device management software to keep your operation going strong. And get extra durability from the inside out for whatever the job throws your way. It's the rugged printing solution that just works, with price points and lifetime* support you'll hardly believe.

| | WiFi | Bluetooth | MFi | USB-C | DPI | Speed | Direct Thermal |
|---|---|---|---|---|---|---|---|
| **RJ-3230BL** | | ● | ● | ● | 203 | 5 ips | ● |
| **RJ-3250WBL** | ● | ● | ● | ● | 203 | 5 ips | ● |

# Key features

- **Leading technology:** Superior OS compatibility, Bluetooth® 5.0 and 5GHz Wi-Fi connectivity, MFi, 802.1x security, USB-C communications and charging support, plus mobile device management solutions. Find all this and more in a purposefully compact design that doesn't compromise durability.

- **Simple system integration:** Drop-in emulation compatibility with leading software and operating systems plus zero-cost adoption make it easy to upgrade your label printing technology.

- **End-to-end affordability:** Not only do you save on hardware when you choose RuggedJet 3200 over similar solutions, you also get fully supported development and implementation – at no cost to you – and convenient options to buy or subscribe.

- **Lifetime* support:** From the development and integration of your printer to ongoing tech support, Brother combines superior "at your side" service with a two-year Premier Limited Warranty (including printheads).

* For the life of the product.

# Industry applications

These mobile printers are ideally suited for the following markets:

### Retail

- Barcode labels
- Shelf labels
- Markdown & return labels
- Product labels

### Transport & logistics (warehouse)

- Bin & pallet labels
- Product ID labels
- Secondary packing labels
- Order preparation "picking"

### Public safety

- Citations
- Evidence labels
- Parking violations

### Field services

- Service tags and labels
- Calibration labels
- Content labels

### Healthcare

- Specimen labels
- Phlebotomy labels
- Barcoded patient ID labels

### Route accounting/ DSD

- Invoices
- Delivery receipts
- Change order receipts

## Supplies*

Find Premium label rolls for all your applications. Custom options also available.

## Accessories*

We offer an optional label peeler, optional Ethernet cradles, and adapters, as well as replacement printheads.

## Extended warranty service*

Extend the useful life of your printer by adding an extended service program at any point while your printer is still under warranty.

## Get in contact

800-543-6144
mobilesales@brother.com
www.brothermobilesolutions.com

## Software tools for easy integration and label design

BarTender.  SAP  SOTI  NiceLabel  TEKLYNX CODESOFT

*Additional purchase required.

## Printing

| Print Technology | Direct Thermal | |
|---|---|---|
| Print Head Resolution | 203dpi (8 dots/mm) | |
| Print Speed[1] | Up to 5ips (127mm/sec) | |
| Max Media/ Print Width | 3.15" (80mm)/2.8" (72mm) | |
| Maximum Print Length | 118.1 in. (3m) | |
| Print Length (Min) | Die-cut: 0.24 in. (6.0mm) Media w/ mark: 0.5 in. (12.7 mm) Continuous: 0.47 in. (12.0 mm) | |
| Printer Sensors | Transmissive, Reflective | |
| Sensor Position | Off Center (supports gap sensing of multiple labels across the width) | |
| Optional Kits | Up/Down Double Tearbar (standard installed) Auto Load Peeler with Label Taken Sensor Liner Free Platen with Tearbar | |

## Physical Characteristics

| Weight | 807g w/battery | |
|---|---|---|
| Dimensions (W x H x L) | 4.6''(W) x 7.1''(D) x 3.0''(H) 117 mm(W) x 180 mm(D) x 77 mm(H) | |

## Memory

| Memory | 256 MB RAM; 128 MB Flash (standard) | |
|---|---|---|

## Environment

| Drop Protection | Tolerance of multiple drops from 6.56 ft./2.0 m | |
|---|---|---|
| Sealing | IP54 dust- and water-resistance rating (without case) | |
| Operating Temperature | Operate: -4°F to 131°F/-20°C to 55°C 14°F to 95°F/-10°C to 35°C (with peeler) 50°F to 86°F/10°C to 30°C (with linerless) Charge: 32°F to 104°F/0°C to 40°C | |
| Operating Humidity | 10% to 90% non-condensing 50% (with peeler/linerless) | |
| Storage Temperature | -4°F to 140°F/-20°C to 60°C | |
| Storage Humidity | 10% to 90% non-condensing | |

ENERGY STAR

Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl

## Communications/Interface

| USB | USB Ver.2.0 (Full Speed) (Type C) USB Type C w/charging | |
|---|---|---|
| Bluetooth | Bluetooth Ver.5.0 MFi | |
| Bluetooth Profile | Supported profiles: SPP, OPP, HCRP, GATT Supported protocol: iAP | |
| NFC | Yes (Passive) | |
| Ethernet | 10 or 100Mbps Ethernet auto detect when docked in cradle | |
| Wired LAN Security | SSL/TLS1.0/1.1/1.2 (HTTPS, IPPS) SNMPv3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS) | |
| AirPrint | No | Yes |
| Wireless LAN | No | 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) |
| Wireless LAN Security | No | SSL/TLS1.0/1.1/1.2 (HTTPS, IPPS) SNMPv3, 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS) WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), WPA3-SAE (AES) |
| Time Function | NTP (Network Time Protocol) support via Ethernet *No RTC battery | NTP (Network Time Protocol) support via Wi-Fi or Ethernet *No RTC battery |
| Control Panel | 1 LED with Four Buttons | |
| LCD | Mono LCD wtih Back Light (120 x 35 dots) | |

## Included Items (in individual carton)

| Printer Lithium-Ion Battery Belt Clip Roll Holder Hubs Roll Holder Stop Product Documentation |
|---|

## Agency Compliance

| EMC | FCC, ICES | |
|---|---|---|
| Safety | UL, CSA | |
| Energy Star | Yes | |

## Software

| | |
|---|---|
| **Supported Printer Driver** | Microsoft® Windows® 7 / 8.1 / 10<br>Microsoft® Windows Server® 2012 / 2012 R2 / 2016 / 2019 |
| **WHQL certified** | Yes |
| **SDK** | Android 6 or later<br>iOS 10 or later*<br>*Supports Bluetooth communication from ver. 12.01 or later.<br>For the latest information, see the developer's website. |
| **Printer Command and Command emulation** | Raster<br>ESC/P<br>P-touch Template<br>ZPL II emulation<br>CPCL emulation (CPCL page print mode / CPCL line print mode) |
| **Internal Barcode (2D Code) Symbologies** | **Common**<br>CODE39, ITF(I-2/5), EAN-8, EAN-13, UPC-A, UPC-E, CODABAR(NW-7), Aztec, POSTNET, CODE128, GS1-128(UCC/EAN-128), GS1 DataBar (Standard, Truncated, Stacked, Stacked Omnidirectional),GS1 DataBar Limited, GS1 DataBar Expanded(Standard, Stacked), QR Code, PDF417, MaxiCode<br>**Additional ESC/P mode**<br>CODE93, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode, Micro QR Code, MicroPDF417, DataMatrix<br>**Additional P-touchTemplate mode**<br>GS1 Databar Composite, Intelligent Mail Barcode, Micro QR Code, MicroPDF417, DataMatrix<br>**Additional ZPL II mode**<br>GS1 Databar Composite, CODE93, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode, MicroPDF417, DataMatrix, Industrial 2-of-5, Standard 2-of-5<br>**Additional CPCL mode**<br>GS1 Databar Composite, CODE93, MSI |



Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl

## Software

| | |
|---|---|
| **Internal Font and Size** | **ESC/P**<br>Bitmap font: Gothic 3 size<16,24,32dot>, Letter Gothic Bold, Helsinki 4 size<16,24,32,48dot>, Brussels, San Diego, Brougham 3 size<24,32,48dot><br>Outline font: Gothic, Letter Gothic, Helsinki, Brussel, Max size: 400dot<br>**P-touch Template**<br>Outline font: Gothic, Letter Gothic, Helsinki, Brussel, Max: 400dot<br>**ZPL II**<br>Bitmap font: Letter. Gothic (A,B,C,D,F,G) 5 size<9, 11, 18, 26, 56dot>, BR-OCRB(E) 1 size<28dot>, BR-OCRA(H) 1 size<21dot>,Special Symbol 1 size<24dot><br>Outline font: Utah Condensed Bold (0)<br>**CPCL**<br>Bitmap font: Standard (0) 1 size<16dot>, Script (1) 1 size<48dot>, OCR-A (2) 2 size<12, 24dot>,Unison (4) 3 size<45, 48, 90dot>, Manhattan (5) 2 size<25, 46dot>, MICR (6) 1 size<27dot>, Warwick (7) 1 size<25dot><br>Outline font: CG Times, CG Triumvirate, Helvetica, Japanese character |
| **Others** | **Filter Function**<br>Brother Adaptive Interface (Flexible Programming Language)<br>P-touch Template Mark-down feature (for mark down calculation)<br>**Unique Software**<br>Programmable QR Code on Self Test<br>Font Manager (for font downloading)<br>Mobile Deploy (for batch field updates)<br>BRAdmin Pro4 (for device management)<br>P-touch Editor 5.4 (for label design, printing, and template transfer) |
| **Management** | SOTI<br>BRAdmin Pro4 |
| **Software Partners** | SOTI<br>BarTender<br>NiceLabel<br>Teklynx<br>SAP |