

A4 Mono Printer and MFP

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# RICOH P 310 M 320FB

Copier  Printer  Facsimile  Scanner



RICOH  
P 310

32 Monochrome  
ppm

RICOH  
M 320FB

32 Monochrome  
ppm

# Stability and Performance

Secure and rapid document sharing even remotely

## Share documents remotely with ease

RICOH M 320FB offer a host of features that allow you to share documents quickly in digital format. Simply use the 35-sheet Automatic Reversing Document Feeder (ARDF) to scan that full-colour presentation to your colleagues for review in an instant using any of the multiple Scan-to capabilities, including Scan-to-Email, FTP, Folder, USB drive and more.



*\*Image shown is with optional tray*



## Stay productive even when away from the office

Simply download the RICOH Smart Device Connector app to your smartphone or tablet to access and share information. Send print jobs directly to your Ricoh printer from your personal mobile device for fast, convenient mobile printing via Mopria® or AirPrint®. You can also pair your Android® device via the Near Field Communications (NFC) tag on printer once you are back in the office to authenticate and transfer information and print your documents.

## Security is in our DNA

Keep your information secure as you transfer and print confidential documents with the robust security layers Ricoh has put in place. Use the Locked Print function to protect documents from unauthorised viewing and have peace of mind knowing that network encryption ensures secure digital data transmission.



# RICOH P 310 / M 320FB

MAIN SPECIFICATIONS

| MODEL   |                          | RICOH P 310  | RICOH M 320FB   |
|---|--------------------------|--|---|
| <b>GENERAL</b>  |                          |  |   |
| Configuration   |                          | Desktop  |   |
| Technology  |                          | Laser (Mono)   |   |
| Function(s)   |                          | Print  | Print, Copy, Scan, Fax  |
| Display panel   |                          | 4-Line operation LCD   | 4.3" colour touch panel   |
| Processor   |                          | 350 MHz  | 400 MHz   |
| Memory  |                          | 128 MB   | 256 MB  |
| Mobile capability   |                          | RICOH Smart Device Connector, Apple AirPrint®, Mopria®   |   |
| Printer language  |                          | PCL5e, PCL6, PostScript 3 emulation  |   |
| Network protocol  |                          | TCP/IP   |   |
| Interface   | Standard                 | 10Base-T/100Base-Tx (Ethernet),<br>USB 2.0 Type A x 1— rear, USB 2.0 Type B— rear, NFC tag   | 10Base-T/100Base-Tx (Ethernet),<br>USB 2.0 Type A x 2—1 x rear & 1x front, USB 2.0 Type B x 1— rear, NFC tag  |
|   | Optional                 | IEEE 802.11a/b/g/n/ac (Wireless LAN) and Wi-Fi Direct  |   |
| Operating system  | Windows®                 | Windows® 8.1, Windows® 10, Windows® Server 2012, Windows® Server 2012R2, Windows® Server 2016, Windows® Server 2019                                      |   |
|   | Mac                      | Mac OS v10.10 - v11  |   |
|   | Other                    | Linux  |   |
| <b>PRINTER</b>  |                          |  |   |
| Duplex printing   |                          | Auto   |   |
| Print speed (A4)  |                          | 32 ppm (Simplex), 13 ppm (Duplex)  |   |
| First print out time  |                          | 7.1 seconds  |   |
| Warm up time  |                          | 26 seconds or less   | 30 seconds or less  |
| Print resolution  |                          | 600 x 600 dpi (Default),<br>Windows®: 600 x 600 dpi, 1,200 x 600 dpi, 1,200 x 1,200 dpi<br>MAC: 600 x 600 dpi<br>Linux: 600 x 600 dpi, 1,200 x 1,200 dpi |   |
| Average print volume  |                          | 700 - 5,800 pages  |   |
| Duty cycle  |                          | 35,000 pages/month   |   |
| <b>COPIER</b>   |                          |  |   |
| Copy speed (A4)   |                          | -  | Up to 32 ppm  |
| Document feeder type  |                          | -  | Automatic Reversing Document Feeder   |
| Document feeder capacity  |                          | -  | 35 sheets   |
| Resolution  |                          | -  | 300 x 600 dpi (ARDF), 600 x 600 dpi (Platen)  |
| Multiple copy   |                          | -  | Up to 99  |
| Copy features   |                          | -  | Zoom Range: 25%-400%, Image density: 5 levels, Image quality: Text, Photo, Mixed, Combined Copy, Memory Copy, ID Card Copy, Series Copy   |
| <b>SCANNER</b>  |                          |  |   |
| Scan speed (A4 ARDF)  |                          | -  | Mono: 13 impressions/minute, Colour: 4.5 impressions/minute   |
| Resolution  |                          | -  | 600 x 600 dpi (ARDF), 1,200 x 1,200 dpi (Platen), 19,200 x 19,200 dpi (PC TWAIN)  |
| Original size   |                          | -  | A4  |
| Bundled drivers   |                          | -  | Network TWAIN, WIA  |
| Scan to   |                          | -  | Scan to email, Scan to folder, Scan to FTP, Scan to USB, TWAIN scanning   |
| <b>FACSIMILE</b>  |                          |  |   |
| Circuit   |                          | -  | PSTN, PABX  |
| Compatibility   |                          | -  | T.30 (ITU-T SuperG3)  |
| Resolution  |                          | -  | Horizontal: 200 dpi-8dots/mm,<br>Vertical 100 dpi-3.85dots/mm, 200 dpi-7.7dots/mm   |
| Transmission speed  |                          | -  | 33.6 Kbps—2,400 bps with automatic shift down   |
| Compression method  |                          | -  | MH, MR, MMR   |
| Reception features  |                          | -  | Automatic, Paperless fax, Manual, Main scan auto reduction  |
| Other supported features  |                          | -  | Quick dial—8 (20 digits for name, 40 digits for numbers), Speed dial—100 (20 digits for name, 40 digits for numbers), Label registration for Quick/Speed, Redial—automatic or manual, Redial interval time—2 selections (5 minutes: default, 6 minutes), Only redial last number, Direct fax number entry |
| <b>SECURITY</b>   |                          |  |   |
| Authentication  |                          | Locked Print   |   |
| <b>PAPER HANDLING</b>   |                          |  |   |
| Recommended paper size  |                          | A4 SEF, A5 SEF/LEF, A6 SEF, B5 SEF, B6 SEF, LG, Mexican Oficio, Indian Legal, Envelopes, Australian Foolscap   |   |
| Paper input capacity  | Standard                 | 250 sheets (Bypass: 50 sheets), Maximum: 300 sheets  |   |
|   | With optional paper tray | Paper Bank PB1130: 250 sheets, Maximum 550 sheets  |   |
| Paper output capacity   |                          | 125 sheets   | 50 sheets   |
| Paper weight  |                          | 52 to 162 g/m <sup>2</sup>   |   |
| <b>ECOLOGY</b>  |                          |  |   |
| Dimensions (W x D x H)  |                          | 370 mm x 392 mm x 262 mm   | 405 mm x 392 mm x 420 mm  |
| Weight  |                          | Less than 13.0 kg  | Less than 18.0 kg   |
| Power consumption (Max)   |                          | 1,025 W (Asia Pacific), 920 W (Taiwan)   |   |
| Ready mode  |                          | 63.8 W (Asia Pacific), 64.9 W (Taiwan)   | 65.7 W (Asia Pacific), 65.7 W (Taiwan)  |
| Energy saver (Sleep)  |                          | 0.72 W (Asia Pacific), 0.66 W (Taiwan)   | 0.87 W (Asia Pacific), 0.8 W (Taiwan)   |
| Power source  |                          | 220-240 V, 50/60 Hz, 4.3 Amps (Asia Pacific), 110 V, 60 Hz, 8.5 Amps (Taiwan)  |   |
| <b>CONSUMABLES</b>  |                          |  |   |
| AIO toner cartridges (K) (Regular yield)  |                          | Black: Approx. 3,500 pages   |   |
| AIO toner cartridges (K) (High yield)   |                          | Black: Approx. 7,000 pages   |   |
| <i>Consumable yield measuring method ISO/IEC 19752<br/>Shipped with Starter Toner that yield approximately (Black: Approx. 1,000 pages)</i> |                          |  |   |
| <b>OPTIONS</b>  |                          |  |   |
| Interface   |                          | IEEE 802.11a/b/g/n/ac (Wireless LAN) and Wi-Fi Direct  |   |
| Optional paper tray   |                          | Paper Bank PB1130: 250 sheets  |   |

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