

# Specifications Canon MAXIFY MB5020 High Speed Wireless Small Office Inkjet Printer

## Main Unit Spec

### Printer

Print Speed (up to)	Black:ESAT: Approx. 23.0 ipm <sup>6</sup> Color:ESAT: Approx 15.0 ipm <sup>6</sup>
Number of Nozzles	Color: 3,072 / Pigment Black: 1,280 / Total: 4,352
Print Resolution (Up to)	Up to 600 x 1200 dpi <sup>7</sup>
Ink Compatibility	PGI-2200 BK XL PGI-2200 C XL PGI-2200 M XL PGI-2200 Y XL PGI-2200 C PGI-2200 M PGI-2200 Y PGI-2200 BK
Paper Sizes	4" x 6", 5" x 7", 8" x 10", Letter, Legal, U.S. #10 Envelopes
Paper Compatibility	<b>Plain:</b> Plain Paper, High Resolution Paper; <b>Glossy:</b> Photo Paper Plus Glossy II, Photo Paper Glossy; <b>Semi-Gloss:</b> Photo Paper Plus Semi-Gloss, Photo Paper Pro Luster; <b>Matte:</b> Matte Photo Paper; <b>Envelope:</b> U.S.# 10 Envelope Chlorine-free paper can be used.
Printer Features	3.0" Touch LCD, AirPrint, <sup>3</sup> Auto 2-Sided Printing, Advanced Auto Sheet Feeder, Document Printing, Google Cloud Print, <sup>4</sup> MAXIFY Printing Solutions, <sup>1</sup> Quick Toolbox, Wireless Printing <sup>5</sup>
Output Tray Capacity	Cassette: 250 Sheets Plain Paper (letter or legal) or 20 Sheets Photo Paper 4" x 6"

### Copier

Copy Speed (up to)	FCOT(Color): Approx. 12 seconds <sup>6</sup>
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Reduction / Enlargement	25% - 400%
Copy Features	2-on-1 copy, 4-on-1 copy, AE (Auto Exposure / Intensity) copy, Collated copy (ADF only), Fit-to-Page, Frame erase copy (Flatbed), Preset Copy Ratios, Preview, Standard copy, Zoom

### Scanner

Scanning Element	Contact Image Sensor (CIS)
Max. Resolutions	Optical:Flatbed: 1200 x 1200 dpi <sup>8</sup> ADF: 1200 x 1200 dpi (Optical) <sup>8</sup> Interpolated:19,200 x 19,200 dpi <sup>8</sup>
Scanner Features	Network Scan, Push Scan, Scan to Memory (USB Flash Memory), Scan to Email, Scan Solution, Scan to Cloud, Scan to Network Folder
Color Depth	48-bit internal/24-bit external
Max. Document Size	Flatbed: 8.5" x 11.7" ADF: 8.5" x 14"

### Fax

Modem Speed	33.6 Kbps (Super G3 color FAX) <sup>9</sup>
Transmission Speed (approx.)	Black: Approx. 3 sec. per page Color: Approx. 1 min. per page
Memory Capacity	Approx. 250 Pages <sup>11</sup>
Speed Dialing	100 Locations
Fax Features	Answering Machine Connectivity, Caller Rejection, Check RX Fax Info., Dial Search, Double sided printing (fax images), FAX to Network Folder, Extra Fine Mode, Fax Reception Reject, Fax Number Re-Entry, F/T Changing (manual), Memory Transmission, Redial, Remote Reception

## General

Other Features	AirPrint, <sup>3</sup> Custom Profiles, Google Cloud Print, <sup>4</sup> Wireless Printing, <sup>5</sup> 3.0? Touch LCD, Folder Setting Utility, Highlighter and Smudge Resistant Ink, High Page Yield, Job Reservation, Low Cost Per Page Printing, Mobile Device Printing, <sup>12</sup> 30,000 Page Monthly Duty Cycle, <sup>1</sup> Quick First Print, MAXIFY Cloud Link <sup>1</sup>
OS Compatibility	<b>Windows:</b> <sup>14</sup> Windows® 8, Windows 8.1 Windows 7, Windows 7 SP1 Windows Vista SP1, Vista SP2 Windows XP SP3 32-bit Windows Server 2012, 2012 R2 <sup>15</sup> Windows Server 2008, 2008 R2 <sup>15</sup> Windows Server 2003, 2003 R2 <sup>15</sup> <b>Mac:</b> <sup>16</sup> Mac OS® X v10.6.8 - 10.9 <b>Mobile Operating Systems:</b> iOS®, Android, Windows RT
Standard Interface	Wireless LAN (IEEE 802.11b/g/n) <sup>5</sup> Ethernet USB Flash memory Hi-Speed USB
Dimension (W x D x H)	18.3" (W) x 18.1" (D) x11.5" (H)
Weight	25.0 lbs.
Warranty	<b>1-Year limited warranty</b> with InstantExchange Program. 1-Year toll-free technical phone support. <sup>17</sup>

1. Requires an Internet connection and the PIXMA/MAXIFY Printing Solutions ("PPS") app, available for free on the App Store and at Google Play. Compatible with iPad, iPhone 3GS or later, and iPod touch 3rd generation or later devices running iOS 5.1 or later, and Android mobile devices running Android 2.3 or later. User must register printer with PPS and be a registered member of the compatible online Cloud service(s) user chooses to access through PPS and is subject to the terms and conditions of those services. Certain functions (scanning and printing locally stored photos/documents) require your device to be connected to the same working network with wireless 802.11 b/g/n capability as your printer. For users of compatible Apple mobile devices, document printing requires Apple AirPrint, which requires an AirPrint-enabled printer connected to the same network as your iOS device. A printer connected to the USB port of your Mac, PC, AirPort Base station, or Time Capsule is not supported.
2. Duty Cycle is defined as the maximum number of printed pages for a single peak month.
3. AirPrint functionality requires an iPad, iPhone 3GS or later, or iPod touch 3rd generation or later device running iOS 4.2 or later, and an AirPrint-enabled printer connected to the same network as your iOS device. A printer connected to the USB port of your Mac, PC, AirPort Base station, or Time Capsule is not supported.
4. Requires an Internet connection and Google account. Subject to Google Terms of Service. Certain exceptions may apply.
5. Wireless printing requires a working network with wireless 802.11b/g or n capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.
6. ISO/IEC 24734, 24735 define the default print and copy speed measurement methods. Print speeds are the averages of ESAT in Office Category Test for the default simplex mode, ISO/IEC 24734, excluding time to print the first set. Copy speed is the average of FCOT, ISO/IEC 24735 Annex D. ADF copy speed is the average of ESAT in General Performance Test for the default simplex mode, ISO/IEC 24735, excluding time to copy the first set. See [www.usa.canon.com/ipm](http://www.usa.canon.com/ipm) for additional details.

7. Resolution may vary based on printer driver setting. Color ink droplets can be placed with a horizontal pitch of 1/600 inch at minimum.
8. Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
9. The Public Switched Telephone Network currently supports fax modem speeds of 28.8 Kbps or lower, depending on telephone line conditions. Sending and receiving fax machines need to conform to ITU-T v.34 guidelines.
10. Black & white document fax transmission speed is based on default setting using ITU-T No.1 chart. Color document fax transmission speed is based on default setting using Canon Color Fax Test Sheet. Actual transmission speed vary depending on document complexity, fax setting at receiving end, and line conditions etc.
11. Page count is based on ITU-T No.1 chart or Canon FAX Standard Chart No.1.
12. Requires Canon Easy-PhotoPrint for Windows RT, available for free in the Windows Store. Compatible with Windows RT devices.
13. Requires an Internet connection.
14. Operation can only be guaranteed on a PC with factory-installed Windows 8.1, Windows 8, Windows 7, Windows Vista or XP.
15. Available from printer driver and fax driver only. XPS drive is not supported for Windows Server 2003 and 2003 R2.
16. Internet Connection required during software installation.
17. Warranty programs are subject to certain conditions and restrictions. See [www.usa.canon.com/support](http://www.usa.canon.com/support) for details.

\* When scanning or copying a certain volume of documents continuously from the ADF, the printer may switch to "waiting mode" in which paper feeding stops for several seconds after each scan in order to prohibit overheating the paper feeding mechanism of the ADF. The timing of "waiting mode" may vary depending on scan settings. With default settings the printer will switch to "waiting mode" after approximately 80 sheets of continuous paper feeding.