



Printing Inkjet Printers MAXIFY MB5170

MAXIFY MB5170



Print ^

Print Head/Consumables

Number of Nozzles	Total 4,352 nozzles
Ink Cartridges (Type/Colours)	PGI-2700 (Pigment Ink / Black, Cyan, Magenta, Yellow) Optional: PGI-2700XL (Pigment Ink / Black, Cyan, Magenta, Yellow)

Maximum Print Resolution	600 (horizontal) x 1,200 (vertical) dpi
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Print Speed*1 (Approx.)

Based on ISO/IEC 24734
Click [here](#) for summary report
Click [here](#) for Document Print and Copy Speed Measurement Conditions

Document (ESAT/Simplex)	24 / 15.5 ipm (mono/colour)
Document (Max.)	32.5 / 26.5 ppm*2 (mono/colour)

Document (ESAT/Duplex)	13 / 9.5 ipm (mono/colour)
Document (FPOT Ready/Simplex)	6 / 7 sec (mono/colour)
Document (FPOT Sleep/Simplex)	10 / 12 sec (mono/colour)
Print Width	Up to 203.2 mm (8")
Recommended Printing Area	Top margin: 45.8 mm Bottom margin: 36.8 mm
Scan^{*3} 	
Scanner Type	Flatbed (ADF/Platen)
Scanner Technology	Contact Image Sensor (CIS) x2 (2-Sided)
Optical Resolution^{*4}	1,200 x 1,200 dpi
Scanning Bit Depth (Input/Output)	
Greyscale	16 bit / 8 bit
Colour	48 bit / 24 bit (RGB each 16 bit / 8 bit)
Scanning Speed^{*5*6} (Approx.)	
Document (ADF) (scESAT30secA/Simplex)	19 / 16 ipm (mono/colour)
Document (ADF) (scESAT30secA/Duplex)	23 ipm (mono/colour)
Document (ADF) (scEFTP30secF/Simplex)	17.5 / 15 ipm (mono/colour)
Document (ADF) (scEFTP30secF/Duplex)	21.5 / 21 ipm (mono/colour)
Maximum Document Size	
Flatbed	A4, LTR (216 x 297 mm)
ADF	A4, LTR, LGL
Copy 	
Copy Speed^{*7} (Approx.)	
Based on ISO/IEC 24734 Click here for summary report Click here for Document Print and Copy Speed Measurement Conditions	
Document (sFCOT/Simplex)	11 sec (colour)
Document (ADF) (ESAT/Simplex)	22 / 11.5 ipm (mono/colour)
Document (ADF) (ESAT/Duplex)	10 / 6 ipm (mono/colour)
Maximum Copies	99 pages

Maximum Document Size	
Flatbed	A4, LTR
ADF	A4, LTR, LGL
Reduction/Enlargement	25 - 400%
Copy Features	Two-sided, Collate, 2-on-1, 4-on-1, Frame Erase, ID Copy
Fax ^	
Type	Desktop Transceiver (Super G3/Colour Communication)
Transmission Speed*⁸	
Mono	3 sec
Colour	1 min
Modem Speed	Max. 33.6 kbps (Automatic fall back)
Compression	
Mono	MH, MR, MMR
Colour	JPEG
Gradation	
Mono	256 levels
Colour	24-bit Full Colour (RGB each 8-bit)
ECM (Error Correction Mode)	ITU-T T.30 compatible
Automatic Dialling	
Coded Speed Dialling	Max. 100 locations
Group Dialling	Max. 99 locations
Transmission/Reception Memory*⁹	Approx. 250 pages
PC Fax ^	
Type	Windows, macOS
Mono/Colour	B/W Transmission only
Paper Handling ^	
Print Margin	
Bordered Printing	LTR, LGL: Top margin: 3 mm, Bottom margin: 5 mm Left margin: 6.4 mm, Right margin: 6.3 mm Others: Top margin: 3 mm, Bottom margin: 5 mm Left/Right margin: 3.4 mm

Bordered Auto Duplex Printing	LTR, LGL: Top margin: 3 mm, Bottom margin: 5 mm Left margin: 6.4 mm, Right margin: 6.3 mm Others: Top margin: 3 mm, Bottom margin: 5 mm Left/Right margin: 3.4 mm
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Supported Media

Cassette	Plain Paper (64 - 105 g/m²) High Resolution Paper (HR-101N) Photo Paper Plus Glossy II (PP-201, PP-208) Photo Paper Pro Luster (LU-101) Photo Paper Plus Semi-Gloss (SG-201) Matte Photo Paper (MP-101) Envelope Label Paper
Auto 2-Sided Printing (Plain Paper only)	A4, Letter

Paper Size

Cassette	A4, A5, B5, LTR, LGL, B-Oficio^{*10}, M-Oficio, Foolscap, LGL (India) Executive, Envelope (COM10, DL, C5, Monarch), 4 x 6", 5 x 7", 7 x 10", 8 x 10" [Custom Size^{*11}] Upper Cassette: Width: 89 - 216 mm Length: 127 - 355.6 mm [Custom Size^{*11}] Lower Cassette: Width: 210 - 216 mm Length: 279.4 - 355.6 mm
Auto 2-Sided Printing (Plain Paper only)	A4, LTR

Maximum Capacity

Cassette	Plain Paper, 64 g/m² (A4, A5, B5, LTR, LGL): 250 High Resolution Paper (HR,101N): 65 Photo Paper Plus Glossy (PP-201, 4 x 6" / A4): 20 / 10 Photo Paper Plus Semi-Gloss (SG-201, 4 x 6" / A4, 8 x 10"): 20 / 10 Photo Paper Pro Luster (LU-101, A4): 10
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	Matte Photo Paper (MP-101, 4 x 6" / A4): 20 / 10 Envelope (COM10, DL, C5, Monarch): 10
Auto Document Feeder	Plain Paper (A4, LTR): 50 Plain Paper (LGL): 10 Others: 1
Paper Weight	
Cassette	Plain Paper: 64 - 105 g/m ² Canon Paper: Approx. 275 g/m ² (Max.) (Photo Paper Plus Glossy II, PP-201)
Network 	
Protocol	SNMP (Standard MIB), TCP/IP
Wired LAN	
Type	IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T)
Wireless LAN	
Type	IEEE802.11b/g/n 2.4 GHz, Supported Channels: 1 - 13 (TW/HK: Supported Channels: 1 - 11 only)
Security	WEP 64/128 bit WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
Direct Connection (Wireless LAN)	Available
Printing Solutions 	
Canon Printing Apps	
Mobile	Canon PRINT, Easy-PhotoPrint Editor, Creative Park
Others	Easy-Layout Editor, PosterArtist Lite, PosterArtist (Web)
Mobile/Cloud Printing Solutions	AirPrint [®] , Mopria [®] Print Service, Canon Print Service (Android), Cloud Service
System Requirements 	
OS System Compatibility ^{*12}	Windows 10 / 8 / 7 SP1 / Windows Vista SP2 Mac OS X 10.8.5 or later Chrome OS
General Specifications 	
Operation Panel	

Display	3.5" LCD (Touchscreen, Colour)
Interface	USB 2.0, USB Flash Memory
Operating Environment ^{*13}	
Temperature	5 - 35°C
Humidity	10 - 90% RH (no dew condensation)
Recommended Environment ^{*14}	
Temperature	15 - 30°C
Humidity	10 - 80% RH (no dew condensation)
Storage Environment	
Temperature	0 - 40°C
Humidity	5 - 95% RH (no dew condensation)
Quiet Mode	Available
Acoustic Noise ^{*15}	
Plain Paper (A4, Mono)	56 dB(A)
Power Requirements	AC 100 - 240 V, 50/60 Hz
Power Consumption (Approx.)	
OFF	0.2 W
Standby	0.9 W
Operation ^{*16}	25 W
Duty Cycle	Up to 30,000 pages/month
Dimensions (W x D x H)	
Factory Configuration	463 x 394 x 291 mm
Paper Installed (A4/LTR)	463 x 459 x 291 mm
Output/ADF Trays Extended	463 x 607 x 329 mm
Weight	11.4 kg
Page Yield ^{*17}	
Plain Paper Click here for more information	A4 Colour Documents ^{*18:} PGI-2700BK: 1000 PGI-2700C, M, Y: 700
	Optional: PGI-2700XL BK: 2,500 PGI-2700XL C, M, Y: 1500

1. Document print speeds are the average of ESAT (Word, Excel, PDF) in Office Category Test for the default simplex mode, ISO/IEC 24734.

Document print speeds are the averages of FPOT in Office Category

Test for the default simplex mode, ISO/IEC 17629:2014.

Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.

During successive printing, the printer may slow down the operation to prevent the internal temperature from rising.

2. PPM print speed is based on the highest speed settings using Canon standard patterns on A4 plain paper.
3. TWAIN driver (ScanGear) is based on the TWAIN specification V1.9 and requires the Data Source Manager comes with the operating system.
4. Optical resolution scan is available, only when you use TWAIN Driver.
Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
5. ADF scan speeds are the average of scESAT30secA in ""ADF Productivity Measurement"" test, ISO/IEC 17991:2015.
Scan to network folder speeds with ADF are the average of scEFTP30secF in ""Scan to Network Folder Productivity Measurement"" test, ISO/IEC 17991:2015.
ADF scan speeds/Scan to network folder speeds with ADF will vary depending on system configuration, interface, software, document complexity etc.
6. When scanning or copying a certain volume of documents (approx. 150 sheets in default settings) continuously from the ADF, the printer may switch to ""waiting mode"" in which paper feeding stops for several tens of seconds after each scan to prohibit overheating the ADF.
7. Copy speeds are the average of sFCOT and sESAT, ISO/IEC 29183.
Copy speeds (ADF) are ESAT of copy in sequence, ISO/IEC 24735.
Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used etc. and does not take into account warm-up time.
8. Black & white document fax transmission speed is based on default setting using ITU-T No.1 chart.
Colour document fax transmission speed is based on default setting using Canon Colour Fax Test Sheet.
Actual transmission speed may vary depending on document complexity, fax settings at receiving end, and line conditions etc.
9. Page count is based on ITU-T No.1 chart or Canon FAX Standard Chart No.1.
10. Not supported for Mac.

11. F4 is possible via custom size settings.
12. Please visit <https://asia.canon/support> to check OS compatibility and to download the latest driver updates.
13. The performance of the printer may be reduced under certain temperature and humidity conditions.
14. For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.
15. Acoustic Noise is measured based on ISO 7779 standard with default settings.
16. When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.
17. Page yields may vary depending on content coverage, print settings, temperature, humidity, and frequency of printing.
18. Declared yield value is in accordance with ISO/IEC 24711, using the ISO/IEC 24712 colour chart. Values obtained by continuous printing.

Disclaimer

- To maintain optimal printer performance, Canon printer automatically perform cleaning based on its condition. During this cleaning process, a small amount of ink is consumed, which may include all colours of ink.
[Cleaning Function]
The cleaning function helps remove air bubbles or clogs from the print head nozzles, preventing degradation in print quality or nozzle blockages.
- Replacement parts for printers will be available for five years after production is discontinued. Depending on your model, we may recommend replacing it with a new unit or one that offers similar performance as part of our maintenance service. In such cases, you may find that supplies or accessories for your model are no longer available, or that compatible operating systems may change.
- To achieve optimal print quality, use the ink within six months of opening.
- Depending on your device, whether it is a computer or a smartphone and its operating system, the estimated ink level information displayed on your screen may differ from what appears on the printer's operation panel. Additionally, some parts of the estimated ink level message shown on the printer may not be visible or may appear at different times. Canon recommends using the information displayed on the printer's operation panel as your primary reference, noting that this information serves only as a guideline.
- Depending on the type of paper and print settings, colour ink may still be used even when you print a monochrome document. If any colour of ink runs out, you will need to replace the ink cartridge.
- You must install ink cartridges of all colours, regardless of whether you are printing in monochrome or colour. If any ink cartridges is not installed, an error will occur, and printing will not be possible.

- When you use the Canon printer for the first time after installing the bundled ink cartridges, the printer consumes a small amount of ink to fill the nozzles of the print head. As a result, the number of sheets you can be printed with the initial set of ink cartridges is fewer than the subsequent cartridges.
- The printing costs mentioned in the brochures or on the website are based on consumption data from the second and subsequent ink cartridges, not the first one.
- For warranty details, please contact a Canon authorised sales representative in your country or region.
- Please be aware that if a problem arises from using non-genuine ink cartridges (including those refilled with non-genuine ink through methods such as making a hole in the cartridge), a fee will be charged for repairs, even during the warranty period. Keep this in mind when using non-genuine ink.
- Using non-genuine inks may affect the printer's performance and print quality. In rare cases, where there are no safety concerns, non-genuine inks can cause the print head to overheat and emit smoke due to the absence of certain ingredient found in genuine ink. [Note: This does not apply to usage of all non-genuine inks.]
- Information on Received Faxes:

By default, received faxes are printed immediately upon receipt. Additionally, faxes are automatically stored in the printer's memory. However, there is a limit to the number of faxes or subjects that the printer can store. When the memory reaches its capacity, the most recently stored faxes will overwrite the earliest ones.

As long as paper is loaded, the printer will continue to print even if ink levels are low. However, if ink is insufficient, printed faxes may appear unclear due to ink blurring. If the memory is full, older faxes will be deleted first, which may prevent you from accessing them either in printed form or from the printer's memory.

Therefore, if you plan to use the fax feature, ensure that there is sufficient ink beforehand. We also recommend refilling the ink cartridge early to avoid running out of ink during fax printing. Check the remaining ink levels in the ink cartridge and review printed pages immediately after receiving faxes. If any faxes remain in memory, you can reprint them after changing the ink cartridge. If you select [Do not print] for [Received documents] under [Auto print settings] in the FAX settings on the printer's operation panel, received faxes will not be printed immediately. Instead, they will be stored in memory, allowing you to select and print them later. With this setting, if the printer's memory reaches its limit, it will not receive any new faxes and stored faxes will not be overwritten automatically.
- A printer with fax functionality stores the following fax data in its memory:
 - Faxes that were not printed due to conditions such as running out of ink.
 - Faxes in the send queue.

If you disconnect the power cord, the date and time settings will reset, and any faxes stored in the printer's memory will be deleted. Before disconnecting the power cord, please ensure that any faxes you wish to keep have already been printed or sent.

- Prices, specifications, availability and terms of offers may change without notice.
 - Products / Services may be manufactured by and/or supplied to us by third party manufacturers / suppliers for distribution / resale (non-Canon brand products).
 - Prices above are recommended retail price in Philippine Peso and may change without prior notice.
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