

Specifications for MAXIFY MB5070



Print		
Maximum Printing Resolution	600 (horizontal) x 1200 (vertical) dpi	
Print Head / Ink	Type:	Individual Ink Cartridges
	Number of Nozzles:	Total 4,352 nozzles
	Ink Droplet Size (minimum):	5pl
	Ink Cartridge:	PGI-2700 (Cyan, Magenta, Yellow, Black) Optional: PGI-2700XL (Cyan, Magenta, Yellow, Black)
Print Speed* ¹ Based on ISO / IEC 24734. Click here for summary report Click here for Document Print and Copy Speed Measurement Conditions	Document: Colour: ESAT / Simplex:	Approx. 15ipm
	Document: Colour:	Max. 24.0ppm* ²
	Document: B / W: ESAT / Simplex:	Approx. 23ipm
	Document: B / W:	Max. 32.5ppm* ²
	Document: Colour: ESAT / Duplex:	Approx. 8ipm
	Document: B / W: ESAT / Duplex:	Approx. 11ipm
	Document: Colour:	Approx. 9secs.

	F POT Ready / Simplex:	
	Document: B / W: F POT Ready / Simplex:	Approx. 7secs.
	Document: Colour: F POT Sleep / Simplex:	Approx. 14secs.
	Document: B / W: F POT Sleep / Simplex:	Approx. 11secs.
Printable Width	Up to 203.2mm (8 inch)	
	Bordered Printing:	Top margin: 3mm, Bottom margin: 5mm, Left / Right margin: each 3.4mm (LTR, LGL: Left: 6.4mm, Right: 6.3mm)
	Bordered Auto Duplex Printing:	Top margin: 3mm, Bottom margin: 5mm, Left / Right margin: each 3.4mm (LTR, LGL: Left: 6.4mm, Right: 6.3mm)
Recommended Printing Area	Top Margin:	45.8mm
	Bottom Margin:	36.8mm
Paper Size	A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7", 8 x 10", Envelopes(DL, COM10) Custom size (cassette (upper): width 89- 215.9mm, length 127 - 355.6mm, cassette (lower): width 210 - 215.9mm, length 249.4 - 355mm)	
Paper Handling (Cassette 1: Upper) (Maximum Number)	Plain Paper	A4, A5, B5, LTR, LGL = 250
	High Resolution Paper (HR-101N)	A4 = 65
	Photo Paper Plus Glossy II (PP-201)	4 x 6" = 20, A4 = 10
	Photo Paper Pro Luster (LU-101)	A4 = 10
	Photo Paper Plus Semi-Gloss (SG-201)	4 x 6" = 20, A4 = 10
	Glossy Photo Paper "Everyday Use" (GP-601)	4 x 6" = 20, A4 = 10
	Matte Photo Paper (MP-101)	4 x 6" = 20, A4 = 10
	Envelope	European DL / US Com. #10 = 10

Paper Output	Approx. 75 pages (A4, LTR)	
Support Media for Auto 2-sided Printing	Type:	Plain Paper
	Size:	A4, LTR
Paper Weight	Cassette 1 (Upper):	Plain Paper: 64-105g/m ² , Canon specialty paper: max paper weight : approx. 275g/m ² (Photo Paper Plus Glossy II, PP-201)
Ink End Sensor	Electrical pulse detect + Dot count	
Print Head Alignment	Auto / Manual	
Scan * ³		
Scanner Type	Flatbed & ADF	
Scanning Method	CIS (Contact Image Sensor)	
Optical Resolution* ⁴	1200 x 1200dpi	
Selectable Resolution* ⁵	25 - 19200dpi	
Scanning Bit Depth (Input / Output)	Grayscale:	16bit / 8bit
	Colour:	48bit / 24bit (RGB each 16bit / 8bit)
Line Scanning Speed* ⁶	Grayscale:	1.1ms/ line (300dpi)
	Colour:	3.4ms/ line (300dpi)
Scanning Speed* ⁷	Document (ADF): Colour Canon Unique / Simplex	Approx. 10ipm
	Document (ADF): B / W Canon Unique / Simplex	Approx. 18ipm
Maximum Document Size	Flatbed:	A4, LTR (216 x 297mm)
	ADF:	A4, LTR, LGL
Copy		
Maximum Document Size	A4, LTR (216 × 297mm) (ADF: A4, LTR, LGL)	
Compatible Media	Size:	A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7"
	Type:	Plain Paper Photo Paper Plus Glossy II (PP-201)

		Photo Paper Plus Semi-Gloss (SG-201) Glossy Photo Paper "Everyday Use" (GP-601) Matte Photo Paper (MP-101)
Image Quality	2 positions (Standard, High)	
Density Adjustment	9 positions, Auto intensity (AE copy)* *Not supported for ADF	
Copy Speed* ⁸ Based on ISO / IEC 29183. Click here for summary report Click here for Document Print and Copy Speed Measurement Conditions	Document: Colour sFCOT / Simplex	Approx. 12secs.
	Document (ADF): Colour ESAT / Simplex	Approx. 10ipm
	Document (ADF): B / W ESAT / Simplex	Approx. 21ipm
Multiple Copy	Black / Colour:	max. 99 pages
Fax		
Type	Desktop Transceiver (Super G3 / Colour Communication)	
Applicable Line	PSTN (Public Switched Telephone Network)	
Transmission Speed* ⁸	Black:	Approx. 3secs. (33.6kbps)
	Colour:	Approx. 1min. (33.6kbps)
Fax Resolution	Black:	8pels/mm x 3.85lines/mm (Standard) 8pels/mm x 7.7lines/mm (Fine) 300 x 300dpi (Extra Fine)
	Colour:	200 x 200dpi
Print Size	A4, LTR, LGL	
Scanning Width	208mm (A4), 214mm (LTR)	
Modem Speed	maximum 33.6kbps (Automatic fall back)	
Compression	Black:	MH, MR, MMR
	Colour:	JPEG
Gradation	Black:	256 levels
	Colour:	24bit Full colour (RGB each 8bit)
ECM (Error Correction Mode)	ITU-T T.30 compatible	

	Coded Speed Dialing:	max. 100 locations
	Group Dialing:	max. 99 locations
Transmission / Reception Memory* ⁹	Approx. 250 pages	
PC Fax		
Type	Windows:	via FAX modem (in MFP)
	Mac:	N/A
Destination Number	1 location	
Black / Colour	B / W transmission only	
Network		
Protocol	TCP/IP	
Wired LAN	Network Type:	IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T)
	Data Rate:	10M / 100Mbps (auto switchable)
Wireless LAN	Network Type:	IEEE802.11n / IEEE802.11g / IEEE802.11b
	Frequency Band:	2.4GHz
	Range:	indoor 50m (depends on the transmission speed and conditions)
	Security:	WEP64 / 128bit, WPA-PSK (TKIP / AES), WPA2-PSK (TKIP / AES)
System Requirements (Please visit www.canon-asia.com to check OS compatibility and to download the latest driver updates.)	Windows:	Windows 8 / Windows 7 / Windows Vista / Windows XP
	Macintosh:	Mac OS X v10.6.8 and later
General		
Operation Panel	Display:	LCD (3.0inch / 7.5cm TFT colour / Touch screen)

ADF	Paper Handling (Plain Paper):	A4, LTR = 50, LGL = 10
Interface	USB flash memory, USB 2.0 Hi-Speed	
Apple AirPrint	Available	
Google Cloud Print	Available	
MAXIFY Cloud Link	from smartphone or tablet:	Available
	from printer:	Available
MAXIFY Printing Solutions	Available	
Access Point Mode	Available	
Operating Environment* ¹¹	Temperature:	5 - 35°C
	Humidity:	10 - 90% RH (no dew condensation)
Recommended Environment * ¹²	Temperature:	15 - 30°C
	Humidity:	10 - 80% RH (no dew condensation)
Storage Environment	Temperature:	0 - 40°C
	Humidity:	5 - 95% RH (no dew condensation)
Acoustic Noise (PC Print)	Document (A4, B / W)* ¹³	Approx. 54dB(A)
Power	AC 100 - 240V, 50 / 60Hz	
Power Consumption	Standby (scanning lamp is off) USB connection to PC:	Approx. 1.0W
	OFF:	Approx. 0.3W
	Copying* ¹⁴ (USB connection to PC):	Approx. 29W
Typical Electricity Consumption (TEC)* ¹⁵	Approx. 0.3kWh	
Environment	Regulation:	RoHS (EU, China), WEEE (EU)
	Eco-Label:	Energy Star, EPEAT (Silver)
Duty Cycle	up to 30,000 pages/month	
Dimensions (W x D x H)	Factory Configuration Maximum (input / output / ADF trays extended)	approx. 463 x 394 x 291 mm (min. size)
Weight	Approx. 11.4kg	

Specifications are subject to change without notice. :

- *¹ Document print speeds are the averages of ESAT 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 / IEC17629:2014
Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.
- *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.
- *⁴ Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
- *⁵ Increasing the scanning resolution will limit the maximum possible scanning area.
- *⁶ The fastest speed in Hi-Speed USB on Windows PC. Transfer time to computer is not included.
- *⁷ ADF continuous PC scan speed is determined from the time spent for scanning of multiple sets of the test pages that take more than 30 seconds after first set of scanning. The test charts (consist of 4 pages) are printed by the device for testing and used for measuring ISO / IEC24735.
"Scan speed may vary depending on system configuration, interface, software, scan mode settings, document size and use frequency etc."
software, scan mode settings, document size and use frequency etc."
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 tens of seconds after each scan, in order to prohibit overheating the paper feeding mechanism of the ADF. The timing of the "waiting mode" may vary depending on scan settings such as colour/mono, resolution and so on.
In case of the default settings (scan or copy in colour, 300dpi), the printer switches to "waiting mode" after approx. 80 sheets of paper feeding continuously or repeatedly in short period.
- *⁸ Copy speeds are the average of sFCOT and sESAT, ISO / IEC 29183.
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.
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.
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 tens of seconds after each scan, in order to prohibit overheating the paper feeding mechanism of the ADF. The timing of the "waiting mode" may vary depending on scan settings such as colour/mono, resolution and so on.
In case of the default settings (scan or copy in colour, 300dpi), the printer switches to "waiting mode" after approx. 80 sheets of paper feeding continuously or repeatedly in short period.
- *⁹ 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 may vary depending on document complexity, fax settings at receiving end, and line conditions etc.

*¹⁰Page count is based on ITU-T No.1 chart or Canon FAX Standard Chart No.1.

*¹¹The performance of the printer may be reduced under certain temperature and humidity conditions.

*¹²For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.

*¹³Acoustic Noise is measured based on ISO7779 standard.

*¹⁴Copy: When copying ISO / JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.

Print: When printing ISO / JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.

*¹⁵Typical Electricity Consumption (TEC) value:

TEC value was calculated assuming the unit will be constantly switched among operational mode, sleep mode, and power-off mode for 5 days, and that it will be either in sleep or power-off mode for the remaining 2 days within the same week. The TEC value of this product is calculated by Canon on their own accord using TEC measurement procedure regulated in International ENERGY STAR Program.

Disclaimer :

- Print speed decreases when ink is running low (upon display of the low ink status).
- An installed ink tank cannot be removed until the message to replace it is displayed.
- You need to install ink tanks or ink cartridges of all colours whether you perform black and white printing or colour printing. If any one of the ink tanks or ink cartridges is not installed, an error occurs and you cannot perform printing.
- Depending on the paper or the print settings, colour ink may be consumed even when you print a document in black or perform printing in black and white. When any one of the colours of ink has run out, you need to replace the ink tank or ink cartridge.
- When you use the Canon printer for the first time after you install the bundled ink tanks, the printer consumes a small amount of ink in the amount to enable printing by filling the nozzles of the Print Head with ink. For this reason, the number of sheets that can be printed with the first ink tanks is fewer than the succeeding ink tanks.
- The printing costs described in the brochures or websites are based on the consumption data from not the first ink tank / ink cartridge but the succeeding ink tank / ink cartridge.
- To keep printer's performance, Canon printer performs cleaning automatically according to its condition. When the printer performs cleaning, a small amount of ink is consumed. In this case, all colours of ink may be consumed.

[Cleaning function]

The cleaning function helps the printer to suck air bubbles or ink itself from the nozzle and thus prevents print quality degradation or nozzle clogging.

- The repairing parts for printers will be available five years after production is discontinued. Depending on your model, we may ask you to replace it with a new one, or one with almost the same performance as a maintenance service. In this case, it may be that you cannot use

supplies or accessories for your model or the compatible OS will be changed.

- The warranty term for free repair varies from country to country and starts from the date of purchase. Free repair does not apply to supplies (paper or ink tanks / cartridges / print head) even within the warranty term.
- To obtain good printing quality, use up ink within six months after opening.
- Regarding a solution to a problem caused by using non-genuine ink cartridges (including ones supplemented with non-genuine ink by making a hole in the cartridge or so), a fee will be charged even within the warranty term. Keep this in your mind when you use non-genuine ink.
- If you use non-genuine ink cartridges (including ones supplemented with non-genuine ink by making a hole in the cartridge or so), they may have a negative effect on the performance of the printer or the printing quality may be reduced. In addition, though it is a rare case and does not present a safety hazard, it is reported that a print head will become heated or smoke will be emitted from it due to an ingredient not contained in genuine Canon ink. (Note that this does not apply to all non-genuine ink.)
- CREATIVE PARK PREMIUM is a premium content service available exclusively to users only when all of the colours of genuine Canon inks are installed.
- A printer with a fax function stores the following fax data in printer's memory:
 - Faxes not printed out due to conditions such as ink running out.
 - Faxes in the send queue.

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

- If you will be installing the Canon printer driver on Mac OS X and using the printer through a network connection, you can select [Bonjour] or [canonijnetwork] in the [Add Printer] dialog. If [Bonjour] is selected, remaining ink level messages may differ from those indicated by [canonijnetwork]. [canonijnetwork] is not displayed if the Canon printer driver is not installed. Access our web site through the Internet and download the latest printer driver for your model. Canon recommends you to use [canonijnetwork] for printing.



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