

Printing



PRINT		
Print Head / Ink	Type	Permanent
	Number of Nozzles	Total 4,096 nozzles
	Ink Cartridges	PGI-780 (Pigment Black), CLI-781 (Cyan / Magenta / Yellow / Black) [Optional: PGI-780XL (Pigment Black), CLI-781XL (Cyan / Magenta / Yellow / Black)]
Maximum Printing Resolution	4800 (horizontal) ^{*1} x 1200 (vertical) dpi	
Print Speed ^{*2} Based on ISO / IEC 24734. Click here for summary report Click here for	Document: Col	ESAT / Simplex: Approx. 10.0 ipm
	Document: B / W	ESAT / Simplex: Approx. 15.0 ipm
	Document: B / W	ESAT / Duplex Approx.

Document Print and Copy Speed Measurement Conditions		3.0 ipm
	Photo (4 x 6")	PP-201 / Borderless: Approx. 37 sec
Printable Width	Up to 203.2 mm (8 in.) Borderless: Up to 216 mm (8.5 in.)	
Printable Area	Borderless Printing ^{*3}	Top / Bottom / Right / Left margin: each 0 mm [Supported Paper Size: A4 / LTR / 4 x 6" / 5 x 7" / 8 x 10" / Square (5 x 5") / Card Size (91 x 55 mm)]
	Bordered Printing	Top margin: 3 mm, Bottom margin: 5 mm, Left / Right margin: each 3.4 mm (LTR / LGL: Left: 6.4 mm, Right: 6.3 mm)
	Bordered Auto 2-sided printing	Top margin: 5 mm, Bottom margin: 5 mm, Left / Right margin: 3.4 mm (LTR: Left: 6.4 mm, Right: 6.3 mm)
Recommended Printing Area	Top margin: 40.4 mm Bottom margin: 37.4 mm	
Paper Size	A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7", 8 x 10", Envelopes (DL, COM10), Square (5 x 5"), Card Size (91 x 55 mm) [Custom size] Rear Tray: width 55 - 215.9 mm, length 89 - 676 mm Cassette: width 148.0 - 215.9 mm, length 210 - 297 mm	
Paper Handling Rear Tray (Maximum Number)	Plain Paper	A4, A5, B5, LTR = 100, LGL = 10
	High Resolution Paper (HR-101N)	A4 = 80
	Photo Paper Pro Platinum (PT-101)	4 x 6" = 20, A4 = 10
	Photo Paper Plus Glossy II (PP-201)	4 x 6", Square (5 x 5") = 20, A4 = 10
	Photo Paper Pro Luster (LU-101)	A4 = 10

	Photo Paper Plus Semi-Gloss (SG-201)	4 x 6" = 20, A4, 8 x 10" = 10
	Matte Photo Paper (MP-101)	4 x 6" = 20, A4 = 10
	Envelope	European DL / US Com. #10 = 10
	Glossy Photo Paper "Everyday Use" (GP-508)	4 x 6" = 20, A4 = 10
	Photo Paper Plus Glossy II (PP-208)	4 x 6" = 20
	Photo Stickers (PS-208)	4 x 6" = 1
	Removable Photo Stickers (PS-308R)	4 x 6" = 1
Paper Handling Cassette (Maximum Number)	Plain Paper	A4, A5, B5, LTR = 100
Support Media for Auto 2-Sided printing	Type	Plain Paper
	Size	A4, A5, B5, LTR
Paper Weight	Cassette	Plain Paper: 64 -105 g/m ²
	Rear Tray	Plain Paper: 64 -105 g/m ² , Canon specialty paper: max paper weight: Approx. 300 g/m ² (Photo Paper Pro Platinum PT-101)
Ink End Sensor	Dot count	
Print Head Alignment	Manual	
SCAN *4		
Scanner Type	Flatbed (ADF, Platen)	
Scanning Method	Contact Image Sensor (CIS)	
Optical Resolution *5	1200 x 2400 dpi	
Scanning bit Depth	Grayscale	16 / 8-bit

(Input / Output)	Colour	48 / 24-bit (RGB each 16 / 8-bit)
Line Scanning Speed * ⁶	Grayscale	1.5 ms/line (300 dpi)
	Colour	3.5 ms/line (300 dpi)
Scanning Speed * ⁷	Reflective	A4 Colour / 300 dpi: Approx. 15 sec
Maximum Document Size	Flatbed	A4 / LTR (216 x 297 mm)
	Auto Document Feeder	A4 / LTR / LGL
COPY		
Maximum Document Size	A4 / LTR (216 x 297 mm)	
Compatible Media	Size	A4 / A5 / B5 / LTR / 4 x 6" / 5 x 7" / Square (5 x 5") / Card Size (91 x 55 mm)
	Type	Plain Paper Photo Paper Pro Platinum (PT-101) Photo Paper Plus Glossy II (PP-201) Photo Paper Pro Luster (LU-101) Photo Paper Plus Semi- Gloss (SG-201) Glossy Photo Paper "Everyday Use" (GP- 501) Matte Photo Paper (MP-101) Glossy Photo Paper "Everyday Use" (GP- 508) Photo Paper Plus Glossy II (PP-208)
Image Quality	3 positions (Draft, Standard, High)	
Density Adjustment	9 positions, Auto intensity (AE copy)	
Copy Speed * ⁸ Based on ISO / IEC 29183. Click here for summary report Click here for Document Print and Copy Speed Measurement	Document: Color	sFCOT / Simplex: Approx. 19 sec
		sESAT / Simplex: Approx. 6.5 sec
	Document (ADF): Colour	ESAT / Simplex: Approx. 8.0 ipm
	Document (ADF): B / W	ESAT / Simplex: Approx. 14.0 ipm

Conditions		
Multiple Copy	Black / Colour	max. 99 pages
FAX		
Type	Desktop Transceiver (Super G3 / Colour Communication)	
Applicable Line	PSTN (Public Switched Telephone Network)	
Transmission Speed *9	Black:	Approx. 3 sec
	Colour:	Approx. 1 min
Fax Resolution	Black	8 pels/mm x 3.85 lines/mm (Standard) 8 pels/mm x 7.7 lines/mm (Fine) 300 x 300 dpi (Extra Fine)
	Colour	200 x 200 dpi
Print Size	A4, LTR, LGL	
Scanning Width	208 mm (A4), 214 mm (LTR)	
Modem Speed	Maximum 33.6 kbps (Automatic fall back)	
Compression	Black	MH, MR, MMR
	Colour	JPEG
Gradation	Black	256 levels
	Colour	24-bit Full Colour (RGB each 8-bit)
ECM (Error Correction Mode)	ITU-T T.30 compatible	
	Coded Speed Dialing	Max. 100 locations
	Group Dialing	Max. 99 locations
Transmission / Reception Memory *10	Approx. 250 pages	
PC FAX		
Type	Windows:	Available
	Mac:	Available
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 (Automatic switching?)
Wireless	Network Type	IEEE802.11n / IEEE802.11g / IEEE802.11b
	Frequency Band	2.4 GHz
	Channel ^{*11}	1 - 13
	Range	Indoor 50 m (depends on the transmission speed and conditions)
	Security	WEP 64 / 128-bit, WPA-PSK (TKIP / AES), WPA2-PSK (TKIP / AES)
Direct connection (Wireless LAN)	Available	
Printing Solutions		
Apple AirPrint	Available	
	Layout	
	1-up (bordered / borderless ^{*15})	LTR, A4, 4 x 6", 5 x 7", 8 x 10", Square (5 x 5"), Card Size (91 x 55 mm)
	1-up (bordered only)	A5, B5, LGL, #10 Envelope, DL Envelope, Custom size
	Print Quality ^{*12}	Standard / High
Mopria	Available	
BLE	Available	
Google Cloud Print	Available	
Smart Device Print Plug-In (for Android / Amazon device)	Available	
PIXMA Cloud Link	From smartphone or tablet	Available
	From printer	Available
Canon PRINT	Available	

Inkjet / SELPHY (for iOS / for Android) Canon Easy- PhotoPrint (for Windows RT)	Layout	
	1-up (bordered / borderless ^{*15})	LTR, A4, 4 x 6", 5 x 7", 8 x 10", Square(5 x 5") ^{*28} , Card Size (91 x 55mm)
	1-up (bordered only)	A5, B5, LGL
	Print Quality	Fixed
Camera Direct Spec.	Compatible Digital Camera	"PictBridge" compliant digital cameras, camcorders and camera phones
	Connecting type	LAN / WLAN
	File Format	JPEG (Exif ver 2.2 / 2.21 / 2.3 compliant) ^{*18} , PNG
	Layout ^{*19}	
	1-up (bordered ^{*16} / borderless ^{*15})	LTR, A4, 4 x 6", 5 x 7", 8 x 10", Square (5 x 5")
	Photo Index	LTR, A4, 4 x 6", 5 x 7", 8 x 10", Square (5 x 5")
	Sticker 2 / 4 / 9 / 16-up	4 x 6"
	4-up (bordered)	LTR, A4
	Print with shooting information	LTR, A4, 4 x 6", 5 x 7", 8 x 10"
	20-up print with shooting information	LTR, A4
	35-up contact print	LTR, A4
	File number & date print	Available ^{*22}
Print Quality ^{*12} ^{*13 *20 *21}	Standard / High	
Card Direct Spec.	Compatible Storage	SD Card, SDHC Card, SDXC Card, miniSD Card ^{*14} , micro SD Card ^{*14} , mini SDHC Card ^{*14} , micro SDHC Card ^{*11} , micro SDXC Card ^{*14}
	File Format	JPEG and TIFF (Exif-

		compliant) taken by DCF (Ver.1.0 / 2.0) compliant digital cameras. (Exif ver2.2 / 2.21 / 2.3 compliant)
	Print Quality ^{*12} ^{*13}	Standard / High
	Layout	
	1-up (bordered / borderless) ^{*15}	LTR, A4, 4 x 6", 5 x 7", 8 x 10", Square 5 x 5", Card Size (91 x 55mm)
	File number & date print ^{*17}	Only date print available
System Requirements (Please visit www.canon-asia.com to check OS compatibility and to download the latest driver updates)	Windows:	Windows 10, Windows 8, Windows 7 SP1, Windows Vista SP2
	Macintosh:	Mac OS X 10.10.5 ~ 10.11, Mac OS 10.12
General Specifications		
Operation Panel	Display	LCD (4.3in. / 10.8cm TFT colour / Touch-screen)
	Language	33 Languages Selectable: Japanese / English (mm & in.) / German / French / Italian / Spanish / Dutch / Portuguese / Norwegian / Swedish / Danish / Finnish / Russian / Czech / Hungarian / Polish / Slovene / Turkish / Greek / Simplified Chinese / Traditional Chinese / Korean / Indonesian / Slovakian / Estonian / Latvian / Lithuanian / Ukrainian / Romanian / Bulgarian / Thai / Croatian / Vietnamese
Auto Document Feeder	Paper Handling (Plain Paper)	A4, LTR = 20, LGL = 5

	Auto Duplex	N/A (Manual two-sided copy)
	USB 2.0 Hi-Speed	
	Card Slots	Available
PictBridge	Wireless	Available
	Wired LAN	Available
Operating Environment ^{*23}	Temperature:	5 - 35°C
	Humidity:	10 - 90% RH (no dew condensation)
Recommended Environment ^{*24}	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 (PC Print)	Photo (4 x 6") ^{*25}	Approx. 43.0 dB(A)
	Plain Paper (A4, B / W) ^{*26}	
	Quiet Mode "OFF"	Approx. 48.5 dB(A)
Power	AC 100 - 240 V 50/60 Hz	
Power Consumption	OFF	Approx. 0.3 W
	Standby (scanning lamp is off) (USB connection to PC)	Approx. 1.3 W
	Copying ^{*27} (USB connection to PC)	Approx. 15 W
	Printing ^{*27}	Approx. 15 W
Environment	Regulation	RoHS (EU, China), WEEE (EU)
Dimension (W x D x H)	Factory configuration	Approx. 438 x 351 x 190 mm
	Paper installed (cassette)	Approx. 438 x 366 x 190 mm
	Output / ADF trays extended	Approx. 438 x 652 x 300 mm
Weight	Approx. 8.0 kg	

Specifications are subject to change without notice.

- *1 Ink droplets can be placed with a pitch of 1/4800 inch at minimum.
- *2 Document print speeds are the averages of ESAT in Office Category Test for the default simplex mode, ISO/IEC 24734. Photo print speed is based on the default setting using ISO / JIS-SCID N2 on Photo Paper Plus Glossy II and does not take into account data processing time on host computer. Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.
- *3 Paper types NOT supported for borderless printing are as follows: Envelope, High Resolution Paper, T-Shirt Transfer, Photo Stickers
- *4 TWAIN driver (ScanGear) is based on the TWAIN specification V1.9 and requires the Data Source Manager comes with the operating system.
- *5 Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard. Optical resolution scan is available, only when you use TWAIN Driver.
- *6 The fastest speed in Hi-Speed USB on Windows PC. Transfer time to computer is not included.
- *7 Colour document scan speed is measured with ISO / IEC 29735 Target A. Scan speed indicates the time measured between pressing the scan button of the scanner driver and the on-screen status display turns off. Scan speed may vary depending on system configuration, interface, software, scan mode settings and document size etc.
- *8 Copy speeds are the average of sFCOT and sESAT, ISO/ IEC 29183. 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.
- *9 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.
- *10 Page count is based on ITU-T No.1 chart or Canon FAX Standard Chart No.1.
- *11 1-11 in US, CND, LTN, BRA, TW and HK.?

- *12 Resolution may be changed between direct printing and printing from PC.
- *13 Only 'standard' mode available in choosing disk label print.
- *14 Can be used by attaching the adapter that is separately sold in the market.
- *15 The amount of image extension beyond the paper cannot be adjusted.
- *16 Plain paper is printed bordered automatically, regardless of the camera settings.
- *17 Not supported for disk label print.
- *18 Image data taken by DCF (Ver.1.0 / 2.0) -compliant digital cameras, camcorders or camera phones and recorded in JPEG (Exif-compliant) format.
- *19 Function depends on the connected digital cameras, camcorders or camera phones.
- *20 Only 'high' mode available as for the printer without LCD.
- *21 Only 'high' mode available in choosing sticker print.
- *22 Not supported for 2 / 4 / 9 / 16-up in sticker printing as well as date / file number printing in disc label printing. For '4-up' print layout, either file number or date can be printed at one time.
- *23 The performance of the printer may be reduced under certain temperature and humidity conditions.
- *24 For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.
- *25 When printing ISO / JIS-SCID N2 on 4 x 6" Photo Paper Plus Glossy II using default settings.
- *26 Acoustic Noise is measured based on ISO7779 standard.
- *27 Copy: 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.
- *28 NOT supported for 'Canon Easy-PhotoPrint (Windows RT)'.

Disclaimer

- 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 details, contact a Canon-authorized sales representative in the country or region you live in.
- 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.)
- The following functions are available only on printers that use genuine Canon ink for all colours and support these functions. For supported functions, see the product specifications section for each model.
- Printing CREATIVE PARK PREMIUM content via My Image Garden, Easy-PhotoPrint+, or PIXMA Cloud Link
- Using the following applications via PIXMA Cloud Link
 - Scan to E-mail
 - Attach to Webmail
 - Scan to Office document
 - Scan and Remote Print
 - Saving scanned images to Dropbox, Google Drive, OneDrive, Evernote, OneNote

- 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.

- Depending on your terminal, such as a computer or a smartphone, or the operating system of your terminal, such as your computer or smartphone, the information or the message related to the estimated remaining capacity of the maintenance cartridge usage displayed on the screen of your terminal may be different from the information or message displayed on the operation panel of the printer. Also, the message for the estimated remaining capacity of the maintenance cartridge usage may be displayed at a different point in time. Canon recommends that you use the information and message displayed on the operation panel of the printer as your reference.

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- All prices above are recommended retail price in THB, unless otherwise stated.
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