

Printing



Print



Print Head / Ink

Type	Permanent
Number of Nozzles	Total 4,096 nozzles
Ink Cartridges	PG-780 (Pigment Black) CLI-781 (Cyan / Magenta / Yellow / Black) [Optional: PG-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 Print and Copy Speed Measurement Conditions

Document (ESAT/Simplex)	approx. 15.0 ipm (black)/10.0 ipm (colour)
Document (FPOT Ready / Simplex)	approx. 8.0 sec (black)/10.0 sec (colour)
Photo (4 x 6") (PP-201/Borderless)	approx. 21 sec
Printable Width	Up to 298.0 mm (11.7 inch), Borderless: Up to 304.8 mm (12 inch)

Printable Area

Borderless Printing ^{*3}	Top/Bottom/Right/Left margin: each 0 mm
Bordered Printing	Top margin: 3 mm, Bottom margin: 5 mm, Left/Right margin: 3.4 mm (LTR: 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)

Support Media

Rear Tray	Plain Paper, Photo Paper Pro Platinum (PT-101) Photo Paper Pro Luster (LU-101) High Resolution Paper (HR-101N) Photo Paper Plus Glossy II (PP-201) Photo Paper Plus Semi-Gloss (SG-201) Glossy Photo Paper "Everyday Use" (GP-508) Matte Photo Paper (MP-101) Envelope Photo Paper Plus Glossy II (PP-208) Photo Sticker (PS-108/PS-208/PS-808) Removable Photo Stickers (PS-308R) Magnetic Photo Paper (PS-508)
Cassette	Plain Paper
Multi-purpose Tray	Printable Nail Sticker (NL-101), Plastic ID Cards (ID-101)

Paper Size

Rear Tray	A4, A5, B5, LTR, LGL, LDR, B4, A3, 4 x 6", 5 x 7", 7 x 10", 8 x 10", 10 x 12", 12 x 12" Envelopes (DL, COM10), Card Size (91 x 55 mm), Square (5 x 5", 4 x 4", 3.5 x 3.5") [Custom size] width 55 mm - 304.8 mm, length 89 mm - 676 mm
Cassette	A4, A5, B5, LTR [Custom size] width 148.0 mm - 215.9 mm, length 210 mm - 297 mm

Paper Size (Borderless)*4	A4, A3, LTR, LDR, 4 x 6", 5 x 7", 7 x 10", 8 x 10", 10 x 12", 12 x 12", Card Size (91 x 55 mm), Square (5 x 5", 4 x 4", 3.5 x 3.5")
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Paper Handling (Maximum Number)

Rear Tray (Plain Paper)	A4, LTR = 100
Cassette (Plain Paper)	A4, LTR = 100
Multi-purpose Tray	1 sheet (manual bypass)

Support Media for Auto 2-sided printing

Type	Plain Paper
Size	A4, A5, B5, LTR

Paper Weight

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)
Cassette:	Plain Paper: 64 - 105 g/m ²

Ink End Sensor	Dot count
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Print Head Alignment	Auto/Manual
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Scan*5



Scanner Type	Flatbed
Scanner Method	CIS (Contact Image Sensor)
Optical Resolution*6	1200 x 2400 dpi

Scanning Bit Depth (Input/Output)

Grayscale	16 bit/8 bit
Colour	RGB each 16 bit/8 bit

Line Scanning Speed*7

Grayscale	1.5 ms/line (300 dpi)
Colour	3.5 ms/line (300 dpi)

Maximum Document Size

Flatbed	A4/LTR (216 x 297 mm)
ADF	A4/LTR/LGL

Copy



Maximum Document Size	A4/LTR
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Compatible Media

Size	A4/A5/B5/LTR/LGL/B4/A3/11 x 17"/LDR/4 x 6"/ 5 x 7"/Square (5 x 5")/Card Size (91 x 55 mm)/ Disc Label
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Type	Plain Paper Photo Paper Pro Platinum (PT-101) Photo Paper Pro Luster (LU-101) Photo Paper Plus Semi-Gloss (SG-201) Glossy Photo Paper "Everyday Use" (GP-508) Matte Photo Paper (MP-101) Photo Paper Plus Glossy II (PP-201) Photo Paper Plus Glossy II (PP-208) Printable Disc
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Image Quality	3 positions (Draft, Standard, High)
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Density Adjustment	9 positions, Auto intensity (AE copy)
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Copy Speed*⁸

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

Document (sFCOT/Simplex)	approx. 19 sec
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Document (sESAT/Simplex)	approx. 6.5 sec
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Document (ADF) (ESAT/Simplex)	approx. 14.0 ipm/8.0 ipm
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Multiple Copy

Black/Colour:	max. 99 pages
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Network

Protocol	TCP/IP
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Wired LAN

Network Type	IEEE802.3u (100BASE-TX)/IEEE802.3 (10BASE-T)
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Data Rate	10M/100Mbps (auto switchable)
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Wireless

Network Type	IEEE802.11n/IEEE802.11g/IEEE802.11b
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Frequency Band	2.4 GHz
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Channel* ⁹	1 - 13
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Range	indoor 50 m (depends on the transmission speed and conditions)
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Security	WEP64/128 bit WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
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Direct Connection (Wireless LAN)	Available
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Printing Solutions ▼

AirPrint	Available
Windows 10 Mobile	Available
Mopria	Available
Bluetooth	Available
Google Cloud Print	Available
Canon Print Service (for Android)	Available
PIXMA Cloud Link	
From smartphone or tablet	Available
From printer	Available
Canon PRINT Inkjet/SELPHY (for iOS/for Android)	Available

System Requirements*10 ▼

Windows 10 / 8.1 / 7 SP1
(operation can only be guaranteed on a PC with a pre-installed Windows 7 or later)
Mac OS v10.12 ~ 10.13, Mac OS X 10.10.5 ~ OS X 10.11

General Specifications ▼

Operation Panel	
Display	LCD (4.3 inch/10.8 cm TFT colour/Touch)
Language	33 Languages Selectable: Japanese/English (mm & inch)/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 sheet; LGL = 5 sheet

Interface	Hi-Speed USB 2.0, Card slots
PictBridge (Wireless LAN)	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)
Quiet Mode	Available
Acoustic Noise^{*13} (PC Print)	
Plain Paper (A4, B/W)	Approx. 49.5 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. 1.2 W
Standby (all ports connected, scanning lamp is off) [EU only - for ErP Lot 26 regulation]	Approx. 2.0 W
Time to enter Standby mode [EU only - for ErP Lot 26 regulation]	Approx. 10 min 56 sec
Copying ^{*14} USB connection to PC	Approx. 14 W
Environment	
Regulation	RoHS (EU, China), WEEE (EU)
Duty Cycle	25,000 sheets
Dimension (WxDxH)	
Factory Configuration	Approx. 468 x 366 x 193 mm
Output/ADF trays extended:	Approx. 468 x 820 x 373 mm
Weight	Approx. 9.7 kg



**Plain Paper (A4 pages)
(ISO/IEC 24712 test file)*¹⁵**

Standard:
CLI-781 (C/M/Y) : 250
CLI-781 BK: 1451*¹⁶
PG-780 PGBK: 200

Optional:
CLI-781XL (C/M/Y): 800
CLI-781XL BK: 6360*¹⁶
PG-780XL PGBK: 600

**Photo Paper (PP-201, 4 x 6")
(ISO/IEC 29103 test file)*¹⁵**

Standard:
CLI-781 (C/M/Y) : 96
CLI-781 BK: 231*¹⁶
PG-780 PGBK: 1263*¹⁶

Optional:
CLI-781XL (C/M/Y): 320
CLI-781XL BK: 858*¹⁶
PG-780XL PGBK: 5500

1. Ink droplets can be placed with a pitch of 1/4800 inch at minimum.
2. Document print speeds are the averages of ESAT (Word, Excel, PDF) 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 Type NOT supported for borderless printing are as follows:
Envelope, High Resolution Paper, T-Shirt Transfer, Photo Stickers.
4. Paper types NOT supported for borderless printing are as follows:
Envelope, High Resolution Paper, T-Shirt Transfer.
5. TWAIN driver (ScanGear) is based on the TWAIN specification V1.9 and requires the Data Source Manager comes with the operating system.
6. Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
7. The fastest speed in Hi-Speed USB on Windows PC. Transfer time to computer is not included.
8. Copy speeds are the average of sFCOT and sESAT, ISO/IEC 29183. Copy speeds (ADF) are ESAT of copy in sequence, ISO/IEC24735. 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. 1-11 in US, CND, LTN, BRA, TW and HK.
10. Please visit <http://asia.canon> to check OS compatibility and to download the latest driver updates
11. The performance of the printer may be reduced under certain temperature and humidity conditions.
12. For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.
13. Acoustic Noise is measured based on ISO7779 standard with default setting.
14. Copy: When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.
15. Declared yield value in accordance with ISO/IEC 24711 (for A4 size) using ISO/IEC 24712 test file, and ISO/IEC 29102 (for 4x6" size) using ISO/IEC 29103 test file. Values obtained by continuous printing.
16. Estimated supplemental yield.

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.)
- 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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