

Printing



Print



**Print Head / Ink**

Type	Fine Cartridge
Number of Nozzles	Total 1,280 nozzles
Ink Cartridges	PG-47, CL-57S (Optional: CL-57)
<b>Maximum Printing Resolution</b>	4800 (horizontal) <sup>*1</sup> x 1200 (vertical) dpi

**Print Speed<sup>\*2</sup>**

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

Document (ESAT/Simplex)	approx. 8.8 ipm (black) / 4.4 ipm (colour)
Document (FPOT Ready / Simplex)	approx. 11 sec (black) / 19 sec (colour)
Photo (4 x 6") (PP-201/Borderless)	approx. 65 sec

<b>Printable Width</b>	Up to 203.2 mm (8 inch), Borderless: Up to 216 mm (8.5 inch)
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**Printable Area**

Borderless Printing <sup>*3</sup>	Top/Bottom/Right/Left margin: each 0
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	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)
<b>Support Media</b>	
Cassette	Plain Paper Photo Paper Pro Platinum (PT-101) Photo Paper Pro Luster (LU-101) Photo Paper Plus Glossy II (PP-201/PP-208) Matte Photo Paper (MP-101) Glossy Photo Paper "Everyday Use" (GP-508) High Resolution Paper (HR-101N) Photo Paper Plus Semi-Gloss (SG-201) Photo Stickers (PS-108/PS-208/PS-808) Removable Photo Stickers (PS-308R) Magnetic Photo Paper (PS-508)
<b>Paper Size</b>	
Cassette	A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7", 8 x 10", Envelopes (DL, COM10) [Custom size] (width 89 mm - 215.9 mm, length 127 mm - 676 mm)
<b>Paper Size (Borderless)*<sup>4</sup></b>	A4, LTR, 4 x 6", 5 x 7", 8 x 10"
<b>Paper Handling (Maximum Number)</b>	
Cassette	A4, LTR = 100 High Resolution Paper (HR-101N) = 80
	A4, LTR = 100
Multi-purpose Tray	1 sheet (manual bypass)
<b>Support Media for Auto 2-sided printing</b>	
Type	Plain Paper
Size	A4, LTR
<b>Paper Weight</b>	
Cassette:	Canon specialty paper: max paper weight: approx. 300 g/m <sup>2</sup> (Photo Paper Pro Platinum PT-101)
<b>Ink End Sensor</b>	Dot count
<b>Print Head Alignment</b>	Auto/Manual

## Scan<sup>\*5</sup>



<b>Scanner Type</b>	Flatbed
<b>Scanner Method</b>	CIS (Contact Image Sensor)
<b>Optical Resolution<sup>*6</sup></b>	600 x 1200 dpi
Optical resolution scan is available, only when you use TWAIN Driver.	
<b>Scanning Bit Depth (Input/Output)</b>	
Grayscale	16 bit/8 bit
Colour	RGB each 16 bit/8 bit
<b>Line Scanning Speed<sup>*7</sup></b>	
Grayscale	1.5 ms/line (300 dpi)
Colour	3.5 ms/line (300 dpi)
<b>Maximum Document Size</b>	
Flatbed	A4/LTR (216 x 297 mm)
ADF	A4/LTR/LGL

## Copy



<b>Maximum Document Size</b>	
Flatbed	A4/LTR (216 x 297mm)
ADF	A4/LTR/LGL
<b>Compatible Media</b>	
Size	LTR/A4/A5/B5/4 x 6"/5 x 7"
Type	Plain Paper Photo Paper Plus Glossy II (PP-201, PP-208) Glossy Photo Paper "Everyday Use" (GP-508)
<b>Image Quality</b>	3 positions (Draft, Standard, High)
<b>Density Adjustment</b>	9 positions, Auto intensity (AE copy)
<b>Copy Speed<sup>*8</sup></b>	
Based on ISO/IEC 24734 Click <a href="#">here</a> for summary report Click <a href="#">here</a> for Document Print and Copy Speed Measurement Conditions	
Document Colour (sFCOT/Simplex) / (sESAT/Simplex)	approx. 27 sec / approx. 3.6 ipm
Document (ADF) (ESAT/Simplex):	approx. 8.5 ipm (black) / 2.7 ipm (colour)

<b>Multiple Copy</b>	
Black/Colour:	max. 99 pages
<b>Fax</b> <span style="float: right;">▼</span>	
<b>Type</b>	Desktop Transceiver (Super G3 / Colour Communication)
<b>Applicable Line</b>	PSTN
<b>Transmission Speed<sup>*9</sup></b>	approx. 3 seconds (black) / approx. 1 minutes (colour)
<b>Fax Resolution</b>	
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
<b>Print Size</b>	A4, LTR, LGL
<b>Scanning Width</b>	208 mm (A4), 214 mm (LTR)
<b>Modem Speed</b>	maximum 33.6 kbps (Automatic fall back)
<b>Compression</b>	
Black	MH, MR, MMR
Colour	JPEG
<b>Gradation</b>	
Black	256 levels
Colour	24 bit Full colour (RGB each 8 bit)
<b>ECM (Error Correction Mode)</b>	ITU-T T.30 compatible
<b>Automatic Dialling</b>	
Group Dialling	max. 19 locations
Transmission/Reception Memory <sup>*10</sup>	approx. 50 pages
<b>PC Fax</b> <span style="float: right;">▼</span>	
<b>Type</b>	Windows: Available, Mac: Available
<b>Destination Number</b>	1 location
<b>Black/Colour</b>	B/W transmission only
<b>Network</b> <span style="float: right;">▼</span>	
<b>Protocol</b>	TCP/IP
<b>Wireless</b>	

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	WEP64/128 bit WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
<b>Direct Connection (Wireless LAN)</b>	Available

## Printing Solutions

<b>AirPrint</b>	Available
<b>Mopria</b>	Available
<b>Google Cloud Print</b>	Available
<b>Canon Print Service (for Android)</b>	Available
<b>Canon PRINT Inkjet/SELPHY (for iOS/for Android)</b>	Available

## System Requirements\*12

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	Full dot
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Language	33 Languages Selectable: Japanese/English (mm & inch)/German/French/ Italian/Spanish/Dutch/Portuguese/Norwegian/Swedish/Danish/Finnish/Russian/C; Hungarian/Polish/Slovene/Turkish/Greek/ Simplified Chinese/ Traditional Chinese/ Korean/Indonesian/ Slovakian/Estonian/ Latvian/ Lithuanian/Ukrainian/Romanian/ Bulgarian/Thai/Croatian/Vietnamese
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Auto

**Document  
Feeder**

Paper Handling A4, LTR = 20, LGL = 5  
(Plain Paper)

**Interface** Hi-Speed USB 2.0

**Operating  
Environment<sup>\*13</sup>**

Temperature 5 - 35°C

Humidity 10 - 90% RH (no dew condensation)

**Recommended  
Environment<sup>\*14</sup>**

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)**

Plain Paper (A4, Approx. 54.0 dB(A)  
B/W)<sup>\*15</sup>

**Power** AC 100-240 V, 50/60 Hz

**Power  
Consumption**

OFF Approx. 0.2 W

Standby Approx. 0.9 W

(scanning lamp  
is off)

USB connection  
to PC

Standby (all Approx. 1.6 W

ports  
connected,  
scanning lamp  
is off)

< EU only - for  
ErP Lot 26  
regulation >

Time to enter Standby mode

< EU only - for  
ErP Lot 26  
regulation >

Copy\*<sup>16</sup>      Approx. 8 W  
USB connection  
to PC

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### Environment

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Regulation      RoHS (EU, China), WEEE (EU)

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### Dimension (WxDxH)

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Factory      approx. 435 x 295 x 189 mm  
Configuration

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Paper installed approx. 435 x 411 x 189 mm  
(cassette)

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Output/ADF      approx. 435 x 608 x 435 mm  
trays extended

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Weight      Approx. 5.9 kg

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## Page Yield

**Plain Paper (A4 pages)  
(ISO/IEC 24712 test file)\*<sup>17</sup>**

Standard:  
PG-47: 400  
CL-57S: 180

Optional:  
CL-57: 300

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**Photo Paper PP-201, 4 x 6"  
(ISO/IEC 29103 test file)\*<sup>17</sup>**

Standard:  
PG-47: 4535\*<sup>18</sup>  
CL-57S: 180

Optional:  
CL-57: 300

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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. 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. Please visit <http://asia.canon> 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 ISO7779 standard with default setting.
16. Copy: When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.
17. 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.
18. 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.)
- 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.
- 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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