

PIXMA G2420

MULTIFUNCTIONAL PRINTING THAT'S EFFICIENT AND ECONOMICAL

Entry level, refillable ink tank multifunctional printer featuring usability improvements – ideal for home, student or office use.



- **Endless low-cost printing**

Keep on printing while keeping costs down thanks to huge yields of up to 12,000 pages (26% more in Economy mode³) from 2 black ink bottles, or 7,700 pages with a single set of colour bottles¹

- **High quality at speed**

Count on quality at speed (9.1 ipm in black / 5 ipm in colour²), with pigment black ink ensuring pin-sharp text and dye colour inks delivering vivid colour photos

- **Easy maintenance**

Minimise downtime and meet every deadline with ease, with a user-replaceable maintenance cartridge that ensures dependable, day after day performance

- **Thoughtful design**

Refill ink tanks without fuss or effort using handy non-squeeze bottles with unique key type nozzles that ensure each ink bottle can only refill its equivalent tank

- **Get creative**

Experiment with diverse media types and sizes including magnetic photo paper, restickable photo paper, or even print your own banners up to 1.2 metres in length



Borderless Photo Printing



2 line LCD



Integrated Ink Tanks



Replaceable ink maintenance cartridge



1,200mm Banner Printing



Hybrid Ink System

PRODUCT RANGE



PIXMA G2411



PIXMA G2420



PIXMA G3420

PIXMA G1411

PIXMA G1420

PIXMA G2411

PIXMA G2420

PIXMA G3420

PIXMA G3411

PIXMA G2460

PIXMA G3460

PIXMA G4510

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¹ Page yield of ink bottle used for initial setup is lower than a replacement as a certain amount of ink is used to fill the print head during setup. Page yield is the estimated value based on Canon's individual test method using the ISO/IEC 24712 colour chart and continuous printing simulation with the replacement ink bottles after initial setup. Black and colour page yields are not to be combined. Page yield varies significantly depending on contents printed and other factors.

TECHNICAL SPECIFICATIONS

PIXMA G2420

GENERAL SPECIFICATIONS

Functions

Print, Scan & Copy

PRINTER SPECIFICATIONS

Print Resolution

Up to 4800 x 1200 dpi^[1]

Print Technology

2 FINE Print Head (Black and Colour)
Refillable ink tank printer

Mono Print Speed

approx. 9.1 ipm^[2]

Colour Print Speed

approx. 5.0 ipm^[2]

Photo Print Speed

Borderless 10x15cm : Approx. 45 seconds^[3]

Borderless Printing

Yes
A4, LTR, 4" x 6", 5" x 7", 7" x 10", 8" x 10",
Square (89 mm x 89 mm), Square (127 mm x 127 mm),
Card Size (91 mm x 55 mm)^[4]
Manual operation

Two Sided Printing

Manual operation

CARTRIDGES AND YIELDS

Standard Ink Cartridges

GI-41 <PGBK>
GI-41 <C>
GI-41 <M>
GI-41 <Y>

Cartridge Yield (Plain paper)

A4 colour documents printing^[5]
Black: 6,000 pages (Economy mode 7,600 pages)^[6]
Colour: 7,700 pages

Cartridge Yield (Photo print)

* Estimated supplemental yield
10x15cm colour photo printing^[7]
Colour: 2,200 photos
* Estimated supplemental yield

PAPER SUPPORT

Paper Types

Plain Paper
Photo Paper Pro Luster (LU-101),
Photo Paper Plus Glossy II (PP-201)
Matte Photo Paper (MP-101),
Glossy Photo Paper "Everyday Use" (GP-501)
High Resolution Paper (HR-101N),
Envelope,
Photo Paper Plus Semi-gloss (SG-201),
Cardstock
Restickable Photo Paper (RP-101)
Magnetic Photo Paper (MG-101)
Dark Fabric Iron on Transfers (DF-101),
Light Fabric Iron on Transfers (LF-101),
Double sided Matte Paper (MP-101D)

Maximum Paper Input

Paper Sizes

Rear Tray: Max. 100 sheets (plain paper)
A4, A5, A6, B5, LTR, LGL, Executive
(184.2 mm x 266.7 mm), Legal (215 mm x 345 mm),
4" x 6", 5" x 7", 7" x 10", 8" x 10", Envelopes DL,
Envelopes COM10, Envelopes C5, Square
(89 mm x 89 mm), Square (127 mm x 127 mm),
Card Size (91 mm x 55 mm)

Paper Weight

[Custom size] width 55 mm - 216 mm,
length 89 mm - 1200 mm
Rear Tray: Plain paper: 64 - 105 g/m²
Canon specialty paper: max paper weight :
approx. 275 g/m² (Photo Paper Plus Glossy II PP-201)

SCANNER SPECIFICATIONS

Scanner Type

CIS flatbed photo and document scanner

Scanner Resolution (Optical)

600 x 1200 dpi^[8]

Line Scanning Speed

Colour: 3.5 ms/line (300dpi)
Greyscale: 1.5 ms/line (300dpi)^[9]

Scanning Depth (Input / Output)

Colour: RGB each 16bit/8bit
Greyscale: 16 bit / 8 bit

Maximum Document Size

A4/LTR

COPIER SPECIFICATIONS

Copy Speed

sFCOT: Approx. 28 sec^[10]
sESAT: Approx. 2.6 ipm^[10]

Multiple Copy

99 copies (max.)

Copy Functions

Document Copying, Photo Copying, Borderless copy, 2-on-1 and 4-on-1 copy, Frame erase copy, ID copy

Copy Zoom

25 - 400% (in 1% increments)
Fit to page
A5 to A4, B5 to A4, A4 to A5 and A4 to B5

GENERAL

Display

Full Dot LCD

Display Languages

32 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, Croatian, Vietnamese

Standard Interface

Printer Features

Hi-Speed USB (USB B Port)

OS Compatibility

Easy-PhotoPrint Editor Software^[11]

Windows 10, Windows 8.1, Windows 7 SP1

Operation can only be guaranteed on a PC with pre-installed Windows 7 or later.

Printer driver, IJ Printer Assistant Tool and IJ Network Device Setup Utility are available with following OS. Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019

Chrome OS

Mac: OS X 10.12.6 ~ macOS 10.15^[12]

Windows: 2.0GB or more

Mac: 1.0GB or more

Note: for bundled software installation. The necessary amount of hard disk space required.

Display: 1024 x 768 XGA

Printer Driver

IJ Printer Assistant Tool

Easy-PhotoPrint Editor (download)

Minimum System Requirements

Software Included

PHYSICAL FEATURES

Weight

approx. 6.4 kg

Dimensions (W x D x H)

Approx. 445 x 330 x 167

Acoustic Noise Levels

approx. 49.5dB(A)^[13]

Operating Temperature

5-35°C

Operating Humidity

10-90%RH (no dew condensation)

Power Source

AC 100-240V, 50/60Hz

Power Consumption

Off: Approx. 0.2W

Standby (USB connection to PC): Approx. 0.6W

Standby (all ports connected): Approx. 0.6W

Time to enter Standby mode: 11 minutes 2sec

Copying: Approx. 18W^[14]

0.1 kWh^[15]

Typical Electricity Consumption

Footnote:

[1] Ink droplets can be placed with a minimum pitch of 1/4800 inch

[2] A4 document print speed on plain paper is measured based on average of ESAT in Office Category Test of ISO/IEC 24734 standard.

[3] Photo print speed is based on default driver setting using ISO/JIS-SCID N2 standard on Canon Photo Paper Plus Glossy II and does not take into account data processing time on host computer.

[4] Paper types NOT supported for borderless printing are as follows: Envelope, High Resolution Paper, T-Shirt Transfer, Photo Stickers

[5] Page Yield is the estimated value based on Canon individual test method using the ISO/IEC 24712 chart and continuous printing simulation with the replacement after initial setup.

[6] The economy mode reduces the black ink consumption by lowering the density, 26% more pages than the standard mode can be printed

[7] Page Yield is the estimated value based on Canon individual test method using the ISO/IEC 29103 chart and continuous printing simulation with the replacement after initial setup.

[8] Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.

[9] The fastest speed in Hi-Speed USB on Windows PC. Transfer time to computer is not included.

[10] Colour document copy speed is measured based on average of sFCOT and sESAT in Performance Test of ISO/IEC 29183 standard. Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used etc. and does not take into account warming up time.



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² Document print speeds are the averages of ESAT (Word, Excel, PDF) in Office Category Test for the default simplex mode, ISO/IEC 24734.

³ Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.

³ The economy mode reduces the black ink consumption by lowering the density, 26% more pages than the standard mode can be printed

TECHNICAL SPECIFICATIONS

PIXMA G2420

Footnote:

- [11] The Easy-PhotoPrint Editor software requires an Internet connection and is compatible with the following operating systems; Microsoft Windows 10 (64-bit/32-bit), Microsoft Windows 8.1 (64-bit/32-bit), Microsoft Windows 7 SP1 (64-bit/32-bit), macOS High Sierra v10.13, macOS Sierra v10.12, Mac OS X El Capitan v10.11 and Mac OS X El Capitan v10.10.5. Minimum Windows and macOS/Mac OS X requirements are: 2GB of RAM and a monitor with 1024x768 resolution.
- [12] Some functions may not be available with these Operating Systems. Please refer to the manual or website for details.
- [13] Plain Paper(A4, B/W). Acoustic Noise is measured based on ISO7779 standard.
- [14] Copy: When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.
- [15] Typical 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.

Standard disclaimers

- All specifications subject to change without notice.
- Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.
- Ink yield may vary depending on texts/photos printed, applications software used, print mode and type of paper used. For yield information see www.canon-europe.com/ink/yield
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