

TECHNICAL SPECIFICATIONS

PIXMA G640

GENERAL SPECIFICATIONS

Functions

Wi-Fi, Print, Scan & Copy, Cloud

PRINTER SPECIFICATIONS

Print Resolution

Up to 4800 x 1200 dpi^[1]

Print Technology

2 FINE Print Heads (Left : BK/R/Gy, Right : C/M/Y)
Refillable ink tank printer

Mono Print Speed

approx. 3.9 ipm^[2]

Colour Print Speed

approx. 3.9 ipm^[2]

Photo Print Speed

Borderless 4" x 6" (10x15cm) : Approx. 47 seconds^[3]
Yes

Borderless Printing

A4, LTR, 4" x 6" (10x15cm), 5" x 7" (13x18cm),
7" x 10" (18x25cm), 8" x 10" (20x25cm),
Square 5" x 5" (127mm x 127mm),
Square 3.5" x 3.5" (89 mm x 89 mm),
Card Size 55mm x 91 mm (2.17" x 3.58")^[15]
Manual operation

Two Sided Printing

CONSUMABLES AND YIELDS

Standard Ink Bottles

GI-43 <BK>
GI-43 <C>
GI-43 <M>
GI-43 <Y>
GI-43 <R>
GI-43 <GY>

Bottle Yield (Plain paper)

A4 colour documents printing^[4]
Black: 3,700 pages^[19]
Colour: 8,000 pages

Bottle Yield (Photo print)

4" x 6" (10x15cm) colour photo printing^[5]
Colour: 3,800 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),
Photo Paper Plus Semi-gloss (SG-201),
Premium Fine Art Rough <FA-RG1>
Resistable 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)
Greeting Card (manufactured by Avery and RedRiverPaper),
Cardstock (manufactured by Neenah Paper and INKPRESS),
Canon Red Label Superior (WOP111)
Canon Oce Office Colour Paper (SAT213)

Maximum Paper Input

Rear Tray: Max. 100 sheets: A4 (plain paper)
Please refer to online manual for a detailed list of paper load limits, which will vary depending on media type and page size selected.

Paper Sizes

A4, A5, B5, A6, LTR, LGL, 4" x 6" (10x15cm), 5" x 7" (13x18cm), 7" x 10" (18x25cm), 8" x 10" (20x25cm),
Square 5" x 5" (127mm x 127mm),
Square 3.5" x 3.5" (89 mm x 89 mm),
Card Size 55mm x 91 mm (2.17" x 3.58")
Envelopes (DL, COM10, C5, Monarch),

Paper Weight

[Custom size]
width 55 - 216 mm, length 89 - 1200 mm
Rear Tray: Plain paper: 64 - 105 g/m² or supported genuine Canon papers

SCANNER SPECIFICATIONS

Scanner Type

CIS flatbed photo and document scanner

Scanner Resolution (Optical)

600 x 1200 dpi^[6]

Line Scanning Speed

Colour: 3.5 ms/line (300dpi)
Greyscale: 1.5 ms/line (300dpi)^[17]

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. 25 sec^[18]
eSAT: Approx. 2.9 ipm^[18]
99 copies (max.)

Multiple Copy

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 (Monochrome)

Standard Interface

Hi-Speed USB (USB B Port)
Wi-Fi: IEEE802.11 b/g/n^[11]
Wi-Fi Security: WPA-PSK, WPA2-PSK, WEP, Administration password
Wireless LAN Frequency Band: 2.4 GHz
PictBridge Wi-Fi^[22]

Mobile Apps (iOS®/ ANDROID™)

Canon PRINT Inkjet/SELPHY app^[14]
Creative Park app^[25]
Easy-PhotoPrint Editor app^[21]

Printer Features

Easy-PhotoPrint Editor Software^[21]
PIXMA Cloud Link (print - from smartphone or tablet only)^[14]

Smart Assistant & Automation Support

Canon Print Service Plugin (Android)^[24]
Apple AirPrint^[12]
Wireless Direct^[14]
Mopria (Android)^[13]
Amazon Alexa^[20]
Google Assistant^[20]

OS Compatibility

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

Mac: OS X 10.12.6 - macOS 10.15

Chrome OS

Mobile Operating Systems: iOS®, iPadOS, Android™^[23]

*OS compatibility confirmed at time of launch, please check the Canon Download Centre for support of subsequently released OS's for this product.

Windows: 1.5GB or more
Note: for bundled software installation. The necessary amount of hard disk space required.

Printer Driver
IJ Printer Assistant Tool
Easy-PhotoPrint Editor (download)

Minimum System Requirements

Software Included

PHYSICAL FEATURES

Weight

approx. 6.6 kg

Dimensions (W x D x H)

Approx. 445 x 340 x 167mm (trays retracted)
Approx. 445 x 555 x 238mm (trays extended)

Acoustic Noise Levels

approx. 50.5dB(A)^[7]

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. 1.2W
Time to enter Standby mode: 11 minutes 4sec*
Copying: Approx. 16W^[9]

*The wait time for standby cannot be changed
0.18 kWh^[8]

Typical Electricity Consumption



TECHNICAL SPECIFICATIONS

PIXMA G640

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] 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.
- [5] 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.
- [6] Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
- [7] Plain Paper(A4, B/W). Acoustic Noise is measured based on ISO7779 standard.
- [8] 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.
- [9] Copy: When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.
- [11] Wireless printing requires a working network with wireless 802.11 b/g/n/ac or ad capability, operating at 2.4GHz. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.
- [12] AirPrint functionality requires a compatible iPad, iPhone, or iPod Touch device running iOS 7.0 or later, and an AirPrint-enabled printer connected to the same network as your iOS device. A printer connected to the USB port of your Mac, PC, AirPort Base station, or Time Capsule is not supported.
- [13] Requires Android mobile device with Android 4.4 operating system or later with the Mopria Print Service pre-loaded with that device and the compatible PIXMA printer on the same wireless network. The Mopria experience is also available on Android 4.4 mobile devices with a download of the Mopria Print Service from Google Play.
- [14] Requires an Internet connection and the Canon PRINT Inkjet/SELPHY app, available for free on the App Store and at Google Play. Compatible with iPad, iPhone 3GS or later, and iPod touch 3rd generation or later devices running iOS 7.0 or later, and Android mobile devices running Android 2.3.3 or later. Your device must be connected to the same working network with wireless 802.11 b/g/n capability as your printer. Requires a compatible social media account and is subject to that social media accounts Terms of Service. Certain exceptions may apply.
- [15] Paper types NOT supported for borderless printing are as follows: Envelope, High Resolution Paper, T-Shirt Transfer, Photo Stickers
- [16] Requires a smart device with the Canon PRINT Inkjet/SELPHY app installed and connected to the desired active wireless network to complete cableless setup.
- [17] The fastest speed in Hi-Speed USB on Windows PC. Transfer time to computer is not included.
- [18] 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.
- [19] The economy mode reduces the black ink consumption by lowering the density, 26% more pages than the standard mode can be printed
- [20] Requires an active smart assistant account linked and accompanying app enabled, the smart device and printer to be actively connected with permission to the Canon Inkjet Cloud Printing Center, and the required action(s), skill(s), or applet(s) available/enabled to the compatible printer. Voice commands can not be displayed as text on Amazon smart devices with screens. Only English, French and German supported.

- [21] 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. The Easy-PhotoPrint Editor mobile application requires an Internet connection and the Easy-PhotoPrint Editor app v1.1.0, available for free on the App Store and at Google Play. Compatible with iPad Air2 (2nd Generation), iPad Mini 4 and iPhone 6s or later devices running iOS 10 or later, and Android mobile devices running Android 5.x or later. Certain exceptions may apply. The following file formats are supported: JPEG, PNG, HEIF (devices running iOS 11 and mac OS v10.13 or later), DLP save data, Poster Artist export data, EasyPhoto+ export data, Easy-PhotoPrint Editor export data.
- [22] DPS over IP compatible device required.
- [23] Some functions may not be available with these Operating Systems. Please refer to the manual or website for details.
- [24] Canon Print Service is a print plug-in for Android smart devices, which enables printing from Android v4.4 - v5.0 devices to many Canon printers via a Wi-Fi network. The plug-in does not work as a standalone app. Available for free at Google Play.
- [25] Requires an Internet connection and the Creative Park app, available for free on the App Store and at Google Play. Compatible with iOS 12.0 or later/Android OS 5.0 or later operating systems. You must have a Canon ID and a Canon inkjet printer to use this app.

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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