

	PIXMA MP640
TYPE	
Available Functions	Network ready Premium All-In-One Photo Printer with Wi-Fi/ Ethernet, Easy-Scroll Wheel and 7.5cm (3") colour TFT display, DVD/CD printing
PRINTER FUNCTIONS	
Print Resolution	Up to 9600[1] x 2400 dpi
Print Engine	InkJet 5-ink with minimum 1 pl droplet size, FINE print head and ContrastPLUS
Photo Lab Quality Speed	Borderless 10 x 15cm: Approx. 20 seconds (Standard)
Mono Print Speed	ESAT: Approx. 9.2 ipm
Colour Print Speed	ESAT: Approx. 8.1 ipm
Ink Cartridge Configuration	Single Ink technology - 5 separate ink tanks (PGI-520BK, CLI-521BK, CLI-521C, CLI-521M, CLI-521Y)
Black Ink Tank Life	Black: 350 pages (PGI-520BK), 1875 pages* (CLI-521BK) [2] Black: 5235 photos* (PGI-520BK), 670 photos* (CLI-521BK) [3] *Estimated Supplemental Yield
Colour Ink Tank Life	Cyan: 505 pages (CLI-521C), Magenta: 471 pages (CLI-521M), Yellow: 505 pages (CLI-521Y)[2] Cyan: 209 photos (CLI-521C), Magenta: 204 photos (CLI-521M), Yellow: 205 photos (CLI-521Y)[3]
Media Type	Plain Paper, Envelopes, Photo Paper Pro Platinum (PT-101), Photo Paper Pro II (PR-201), Photo Paper Plus Glossy II (PP-201), Photo Paper Plus Semi-gloss (SG-201), Glossy Photo Paper "Everyday Use" (GP-501), Matte Photo Paper (MP-101), High Resolution Paper (HR-101N), T-shirt Transfer (TR-301), Photo Stickers (PS-101)
Media Input	Rear Tray: Max. 150 sheets Front Tray: Max. 150 sheets DVD/CD Tray: 1 printable DVD or CD
Media Size	Rear Tray: A4, B5, A5, Letter, Legal, Envelopes (DL size or Commercial 10), 10 x 15cm, 13 x 18cm, 20 x 25cm Cassette: A4, B5, A5, Letter
Media Weight	Rear Tray: Plain paper: 64 to 105 g/m ² and supported Canon special media up to 300 g/m ² Cassette: Plain paper: 64 to 105 g/m ²
DVD/CD Printing	Available as standard
Two Sided Printing	Automatically selectable using plain paper in A4, B5, A5 & Letter sizes
Borderless Printing	Yes (A4, Letter, 20 x 25cm, 13 x 18cm, 10 x 15cm)
Camera Interface and Connectivity	Direct Print Port: Camera direct photo printing from PictBridge compliant digital cameras & camcorders
Card Direct Printing	USB Flash Memory, CompactFlash, Microdrive, Memory Stick, Memory Stick Pro, Memory Stick Duo, Memory Stick PRO Duo, SD Memory Card, SDHC Memory Card, MultiMedia Card (Ver4.1), and MultiMedia Card Plus (Ver4.1). xD-PictureCard [4], xD-PictureCard Type M [4], xD-PictureCard Type H [4], Memory Stick Micro [4], RS-MMC [4], mini SD Card [4], micro SD [4], mini SDHC Card [4] and micro SDHC [4]. Features: Multi-select print (select multiple images and number of prints for each image), Photo index print, Print all photos, DPOF print, Layout print, Sticker print, Print shooting information, Photo index sheet, Calendar print, ID photo print, Search by date, Slide show, File number & date print, borderless printing Image Enhancements: Auto Photo Fix II, Vivid photo, Photo Optimizer PRO, Noise reduction, Face Brightener, Brightness, Contrast, Colour hue (skin tones), Sepia/Simulated illustration, Red Eye Reduction, Image Optimizer, Trimming
Other Features	Photo Optimizer PRO (Windows only), Image Optimizer (Windows only), Photo Noise Reduction, Vivid Photo, Simulate Illustration, Monochrome effects, Templates
SCANNER FUNCTIONS	
Scanner Type	Flatbed CIS colour scanner
Scanner Resolution Optical	Up to 4800 x 9600 dpi
Scanner Resolution Digital	Up to 19200 x 19200dpi
Colour Scanning Depth	48 / 24 bit (RGB each 16 / 8 bit)
Halftone/Greyscale	16 / 8 bit
Connectivity	TWAIN / WIA (Windows XP/Windows Vista)
Effective Scanning Width	A4/LTR
OCR Bundle	Yes (MP Navigator EX)
Other Features	Push-scan, Auto Scan Mode, Scan to USB stick, Scan to memory card, Multi-Scan, PDF file creation/editing/password security*, Descreen, Unsharp mask, Stitch Assist*, Correct document orientation, Prevent show through, Corrent slatned documents, Photograph corrections (Fading correction, Grain correction, Reduce dust and scratches, Backlight correction, Auto Tone), Gutter Shadow Correction, Text (OCR) * Function with MP Navigator EX
COPIER FUNCTIONS	
Colour/Photo Copy	Yes
Copy Speed Colour Document	FCOT: Approx. 22 secs.
Multiple Copy	max.99 copies
Zoom	25 – 400% in 1% increments and preset ratios
Other Features	Auto Intensity (AE copy), Manual Intensity Adjustment, Image Repeat copy, Fit-to-page copy, Borderless copy, Sticker copy, 2-on-1 copy, 4-on-1copy, Frame Erase copy, Shadow erase, Trimming/Masking copy, Photo reprint, Face brightener, Fade restoration, Manual colour adjustment (brightness/contrast/hue), Gutter shadow corrected copy, Auto Photo Fix II, Auto Photo Fix II, Auto-duplex copy, DVD/CD label copy
INTERFACE AND SOFTWARE	
Interface Type - PC	Hi-Speed USB (B Port), Bluetooth Ver2.0 maximum speed 1.44Mbps (Option, HCRP) (with optional Bluetooth Unit BU-30) Ethernet: IEEE802.3u (100BASE-TX), IEEE802.3(10BASE-T), 10/100Mbps (auto switchable) Wi-Fi: IEEE802.11g/IEEE802.11b (Compatible with IEEE802.11n [5]), Frequency: 2.412GHz-2.472GHz, Set-up: WCN, WPS (Push-Button Configuration, PIN code method), Security: WPA-PSK, WPA2-PSK, WEP64/128bit, Administration password
Interface Type - Mobile Phone / PDA	Bluetooth Ver2.0 maximum speed 1.44Mbps (Option, JPEG only, OPP, BIP) (with optional Bluetooth unit BU-30) Photo printing via PictBridge
Supported Operating System	Windows Vista, Vista SP1 / Windows XP SP2, SP3 / Windows 2000 Professional SP4 Mac OS X v.10.3.9 - v.10.5
Operating System Requirements	Windows Vista, Vista SP1 (1GHz processor, 512MB RAM) / Windows XP SP2, SP3 and Windows 2000 Professional SP4 (300MHz processor, 128MB RAM) Internet Explorer 6 - / CD-ROM drive / Hard disk space 750MB* / Display XGA 1024x768 * for bundled software installation

	Mac OS X v.10.5 (Intel processor, PowerPC G5, PowerPC G4, 867MHz or faster / 512MB), Mac OS X v.10.4 (Intel processor, PowerPC G5, PowerPC G4, PowerPC G3 / 256MB), Mac OS X v.10.3.9 (Intel processor, PowerPC G5, PowerPC G4, PowerPC G3 / 128MB) Mac OS Extended (Journaled), Mac OS Extended Safari / CD-ROM drive / Hard disk space 800MB* / Display XGA 1024x768 * for bundled software installation
Software Included	Canon MP Navigator EX, Canon Easy-PhotoPrint EX, Canon Easy-WebPrint EX*, CD-LabelPrint *Canon Easy-WebPrint EX available as download from www.canon-europe.com , Internet Explorer 7 or later is required
GENERAL FEATURES	
Dimensions (W x D x H)	450 x 368 x 176mm
Number of language (LCD)	22 Languages selectable: Japanese, English, German, French, Italian, Spanish, Dutch, Portuguese, Norwegian, Swedish, Danish, Finnish, Russian, Czech, Hungarian, Polish, Slovenian, Turkish, Simplified Chinese, Greek, Traditional Chinese, Korean
Temperature Range	Operating environment: 5° - 35° C
Humidity	Operating humidity: 10 - 90%RH (no condensation)
Acoustic Noise Levels	Printing (when feeding from rear tray): Approx. 47 dB(A) When printing ISO/JIS-SCID N2 pattern on 10x15cm Photo Paper Plus Glossy II using default settings
Weight	Approx. 8.8 kg
Power Source	AC 100-240V, 50/60Hz
Power Consumption	Standby: Approx. 1.3 W (when scanning lamp is off), Off: Approx. 0.6 W, Copying: Approx 14 W [6]

Standard disclaimers

All specifications subject to change without notice.

Borderless 10x15cm photo lab quality print speed based on default driver setting using ISO/JIS-SCID N2 on Canon Photo Paper Plus Glossy II media
Document print speed (ipm) on plain paper is measured based on the office category test of ISO/IEC 24734.

Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used and does not take into account data processing time on host computer.

FCOT on plain paper is measured based on the test standard of ISO/IEC 24735 annex D.
ESAT ADF copy speed on plain paper is measured based on the test standard of ISO/IEC 24735.

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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For more information on ChromaLife100+ please visit www.canon-europe.com/chromalife100

Footnotes

[1] Ink droplets can be placed with a minimum pitch of 1/9600 inch

[2] Declared yield value in accordance with ISO/IEC 24711. Values obtained by continuous printing.

[3] Printing Canon standard photos continuously on 10x15cm Photo Paper Plus Glossy II with default settings using Windows Vista printer driver in borderless printing mode and Windows Vista Home Premium Photo Gallery.
Declared yield value determined based on Canon standard method referring to ISO/IEC 24711.

[4] Using recommended adapter - not supplied

[5] Transmission rate will be limited to IEEE802.11g and operate in the 2.4GHz frequency band.

[6] When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.