

	PIXMA MX320
TYPE	
Available Functions	Print, Scan, Copy, Fax, 30 page ADF and PictBridge camera direct printing
PRINTER FUNCTIONS	
Print Resolution	Up to 4800[1] x 1200 dpi
Print Engine	InkJet 4-ink with minimum 2 pl Micro-Nozzles and FINE Cartridges
Photo Lab Quality Speed	Borderless 10 x 15cm: Approx. 45 seconds (Standard)
Mono Print Speed	ESAT: 7.5 ipm
Colour Print Speed	ESAT: 4.5 ipm
Ink Cartridge Configuration	FINE Cartridge - PG-510, CL-511 (Optional - PG-512, CL-513)
Black Ink Tank Life	Black: 220 pages (PG-510), 401 pages (PG-512) [2] Black: 2,760 photos* (PG-510), 5,205 photos* (PG-512) [3] * Estimated supplemental yield
Colour Ink Tank Life	Colour: 244 pages (CL-511), 349 pages (CL-513) [2] Colour: 97 photos (CL-511), 144 photos (CL-513) [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. 100 sheets
Media Size	Rear Tray: A4, B5, A5, Letter, Legal, Envelopes (DL, COM10), 10 x 15cm, 13 x 18cm, 20 x 25cm
Media Weight	Rear Tray: Plain paper 64 to 105 g/m ² and Canon special media up to approx. 300 g/m ² (PT-101)
Two Sided Printing	Available by manual operation using plain paper in A4, B5, A5, Letter & 13 x 18cm sizes (Windows only)
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
Other Features	Photo Optimizer PRO (Windows only), Image Optimizer (Windows only), Photo Noise Reduction, Vivid Photo, Monochrome Effects (Sepia, Blue, Green, Pink, Select Colour), Simple Illustration
FAX FUNCTIONS	
Standalone fax	Yes
PC Fax	Win: Via Fax modem (in MFP)*, Mac: n/a *1 location, B/W transmission only
Colour Fax	Yes
Transmission Speed Mono/colour	Mono: Approx. 3 sec./page (33.6kbps) (based on default setting using ITU-T No.1 chart) [4] Colour: Approx. 1 min/page (33.6kbps) (based on default setting using Canon Colour Fax Test Sheet) [4]
Modem Speed	33.6k/31.2k/28.8k/26.4k/24k/21.6k/19.2k/16.8k/14.4k/12k/9.6k/7.2k/4.8k/2.4kbps (Automatic fall back)
Compression Method Mono/colour	Mono: MH, MR, MMR, Colour: JPEG
Memory transmission	Yes
Fax Resolution	Mono: 8pels/mm x 3.85pels/mm (Standard), 8pels/mm x 7.7pels/mm (Fine), 300dpi x 300dpi (Extra Fine) Colour: 200 x 200 dpi (Photo)
Greyscale / Colour Gradation	Mono: 256 levels, Colour: 24 bit (full colour) (RGB each 8 bit)
Automatic Document Feeder	Up to 30 pages (single side)
Fax Memory	Up to 50 pages (page count is based on ITU-T No.1 chart or Canon Fax Standard Chart No.1)
Dual Access	Yes
Coded Dials	max 20 locations
Group Dial	max 19 locations
Redial	Yes
FAX/TEL Auto Switch	Yes (manual)
Answering Machine Hook-up	Yes
Remote Reception	Yes
Sequential broadcast	Yes
Error correction mode (ECM)	Yes, ITU-T T.30 compatible
Telephone handset	No
Reports	Caller rejection, Fax reception reject, Fax number re-entry, Check RX fax info, Activity report, Coded/Group number lists, User's data list, Memory list, Rejected number list, Caller history list, Fax scan contrast, Dial search, Activity report
SCANNER FUNCTIONS	
Scanner Type	Flatbed and ADF, CIS colour scanner
Automatic document feeder	Yes up to 30 pages
Scanner Resolution Optical	Up to 1200 x 2400dpi
Scanner Resolution Digital	25 - 19200dpi (Platen only)
Colour Scanning Depth	48 / 24 bit (RGB each 16 / 8 bit)
Halftone/Greyscale	16 / 8 bit
Compatibility	TWAIN / WIA (Windows XP / Windows Vista)
Effective Scanning Width	Flatbed: A4/Letter ADF: A4/Letter/Legal
OCR Bundle	Yes (MP Navigator EX)
Other Features	Push-scan, Auto Scan Mode, Scan to USB stick, Multi-Scan, PDF file creation/editing/password security, Descreen, Unsharp mask, Stitch Assist, Correct document orientation, Prevent show through, Correct slanted documents, Photograph corrections (Fading correction, Grain correction, Reduce dust and scratches, Backlight correction, Auto Tone), Gutter Shadow Correction, Text (OCR)
COPIER FUNCTIONS	
Colour/Photo Copy	Yes
Automatic document feeder	Yes up to 30 pages
Copy Speed Colour Document	FCOT: 31 [5]
Copy Speed Mono	Document (ADF) ESAT: 5.5 ipm [5]

Copy Speed Colour	Document (ADF) ESAT: 2.2 ipm [5]
Multiple Copy	1 to 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, Collated copy (ADF) * not supported for ADF
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)
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.10.4, v10.5
Operating System Requirements	Windows Vista, Vista SP1: 1GHz processor / 512MB RAM Windows XP, SP2, SP3, 2000 Professional SP4: 300MHz processor / 128 MB RAM Common: Internet Explorer 6.0 / CD-ROM drive / Display XGA 1024x768 / 600 MB Hard disk space Mac OS X v.10.5 / Intel @ processor, PowerPC G5, PowerPC G4 (867 MHz or faster) / 512 MB RAM Mac OS X v.10.4 / Intel @ processor, PowerPC G5, PowerPC G4, PowerPC G3 / 256 MB RAM Mac OS X v.10.3.9 / PowerPC G5, PowerPC G4, PowerPC G3 / 128 MB RAM Common: Safari / CD-ROM drive / Display XGA 1024x768 / 700 MB Hard disk space
Software Included	Canon MP Navigator EX, Canon Easy-PhotoPrint EX
GENERAL FEATURES	
Dimensions (W x D x H)	458 x 410 x 200mm
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 dew condensation)
Acoustic Noise Levels	Approx. 47.0 dB(A) When printing ISO/JIS-SCID N2 pattern on 10x15cm Photo Paper Plus Glossy II using default settings.
Weight	Approx. 8.6 kg
Power Source	AC 100-240V, 50/60Hz
Power Consumption	Standby: Approx. 2.7W (when scanning lamp is off) (USB connected to PC), Off: Approx. 1.0 W (USB connected to PC), Copying: Approx 11 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 FCD 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.

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

Copy speed may vary depending on a number of factors and does not take into account warming up time.

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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 1/4800 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] Actual transmission speed may vary depending on document complexity, fax settings at receiving end, and line conditions.

[5] FCOT on plain paper is measured based on the test standard of ISO/IEC FCD 24735 annex D.

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

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