

	<b>PIXMA MP990</b>
<b>TYPE</b>	
<b>Available Functions</b>	Network ready Ultimate All-In-One Photo Printer with WiFi/ Ethernet, 35mm film/slide and card direct printing with 9.5cm (3.8") colour TFT screen
<b>PRINTER FUNCTIONS</b>	
<b>Print Resolution</b>	Up to 9600[1] x 2400 dpi
<b>Print Engine</b>	InkJet 6-ink with minimum 1 pl droplet size, FINE print head and ContrastPLUS
<b>Photo Lab Quality Speed</b>	Borderless 10 x 15cm: Approx. 20 seconds (Standard)
<b>Mono Print Speed</b>	ESAT: Approx. 11.9 ipm
<b>Colour Print Speed</b>	ESAT: Approx. 9.1 ipm
<b>Ink Cartridge Configuration</b>	Single Ink technology - 6 separate ink tanks (PGI-520BK, CLI-521C, CLI-521M, CLI-521Y, CLI-521BK, CLI-521GY)
<b>Black Ink Tank Life</b>	Black: 322 pages (PGI-520BK), 1250 pages* (CLI-521BK) [2] Black: 3705 photos* (PGI-520BK), 690 photos* (CLI-521BK) [3]  *Estimated Supplemental Yield
<b>Colour Ink Tank Life</b>	Cyan: 448 pages (CLI-521C), Magenta: 445 pages (CLI-521M), Yellow: 477 pages (CLI-521Y), Grey: 1370 pages* (CLI-521GY) [2] Cyan: 339 photos (CLI-521C), Magenta: 335 photos (CLI-521M), Yellow: 298 photos (CLI-521Y), Grey: 169 photos (CLI-521GY)[3]  *Estimated supplemental yield
<b>Media Type</b>	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), Fine Art Paper "Photo Rag" (FA-PR1), Other Fine Art Paper
<b>Media Input</b>	Rear Tray: Max. 150 sheets Front Tray: Max. 150 sheets DVD/CD Tray: 1 printable DVD or CD
<b>Media Size</b>	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
<b>Media Weight</b>	Rear Tray: Plain paper: 64 to 105 g/m <sup>2</sup> and supported Canon special media up to 300 g/m <sup>2</sup> Cassette: Plain paper: 64 to 105 g/m <sup>2</sup>
<b>DVD/CD Printing</b>	Available as standard
<b>Two Sided Printing</b>	Automatically selectable using plain paper in A4, B5, A5 & Letter sizes
<b>Borderless Printing</b>	Yes (A4, Letter, 20 x 25cm, 13 x 18cm, 10 x 15cm)
<b>Camera Interface and Connectivity</b>	Direct Print Port: Camera direct photo printing from PictBridge compliant digital cameras & camcorders
<b>Card Direct Printing</b>	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
<b>Other Features</b>	Photo Optimizer PRO (Windows only), Image Optimizer (Windows only), Photo Noise Reduction, Vivid Photo, Simulate Illustration, Monochrome effects, Templates
<b>SCANNER FUNCTIONS</b>	
<b>Scanner Type</b>	Flatbed and FAU, CCD colour scanner
<b>Film Scanning</b>	Film Adapter Unit (FAU) for 6x 35mm (neg/pos film), 4x 35mm mounted slide
<b>Scanner Resolution Optical</b>	Up to 4800 x 9600 dpi
<b>Scanner Resolution Digital</b>	Up to 19200 x 19200dpi
<b>Colour Scanning Depth</b>	48 / 24 bit (RGB each 16 / 8 bit) (Film scan 48bit/48bit or 24bit)
<b>Halftone/Greyscale</b>	48bit / 8 bit (Film scan 48bit/16 or 8bit)
<b>Compatibility</b>	TWAIN / WIA (Windows XP/Windows Vista)
<b>Effective Scanning Width</b>	A4/LTR
<b>OCR Bundle</b>	Yes (MP Navigator EX)
<b>Other Features</b>	Push-scan, Auto Scan Mode, Scan to USB stick, Film Print Mode, Scan to memory card, 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) * Function with MP Navigator EX
<b>COPIER FUNCTIONS</b>	
<b>Colour/Photo Copy</b>	Yes
<b>Copy Speed Colour Document</b>	FCOT: Approx. 21 secs.
<b>Multiple Copy</b>	max.99 copies
<b>Zoom</b>	25 - 400% in 1% increments and preset ratios
<b>Other Features</b>	Auto Intensity (AE copy), Manual Intensity Adjustment, Image Repeat copy, Fit-to-page copy, Borderless copy, Sticker copy, 2-on-1 copy, 4-on-1 copy, 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-duplex copy, direct photo print from 35mm film, DVD/CD label copy
<b>INTERFACE AND SOFTWARE</b>	
<b>Interface Type - PC</b>	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
<b>Interface Type - Mobile Phone / PDA</b>	Bluetooth Ver2.0 maximum speed 1.44Mbps (Option, JPEG, OPP, BIP) (with optional Bluetooth unit BU-30) Photo printing via PictBridge
<b>Supported Operating System</b>	Windows Vista, Vista SP1 / Windows XP SP2, SP3 / Windows 2000 Professional SP4 Mac OS X v.10.3.9 - v.10.5
<b>Operating System Requirements</b>	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
<b>Software Included</b>	Canon MP Navigator EX, Canon Easy-PhotoPrint EX, Canon Easy-PhotoPrint Pro, 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

<b>GENERAL FEATURES</b>	
<b>Dimensions (W x D x H)</b>	470×385×199mm
<b>Number of language (LCD)</b>	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
<b>Temperature Range</b>	Operating environment: 5° - 35° C
<b>Humidity</b>	Operating humidity: 10 - 90%RH (no dew condensation)
<b>Acoustic Noise Levels</b>	Printing (when feeding from rear tray): Approx. 47 dB(A) When printing ISO/JIS-SCID N2 pattern bordered on A4 plain paper with the default settings.
<b>Weight</b>	Approx. 10.7 kg
<b>Power Source</b>	AC 100-240V, 50/60Hz
<b>Power Consumption</b>	Standby: Approx. 1.7 W (when scanning lamp is off), Off: Approx. 0.9 W, Copying: Approx 23 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](http://www.canon-europe.com/ink/yield)

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#### 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.

Specification CEL 1.0 24/06/09