

Specifications for imageCLASS MF8210Cn



PRINT	
Printing Method	Colour Laser Beam Printing
Print Speed	A4: Up to 14.0 / 14.0ppm (Mono / Colour)
	Letter: Up to 14.0 / 14.0ppm (Mono / Colour)
Print Resolution	600 x 600dpi
Print Quality with Image Refinement Technology	1200 x 1200dpi (equivalent) 2400 (equivalent) x 600dpi
Warm up Time (From Power On)	23 secs. or less
First Printout Time (FPOT)	A4: Approx. 18.0 / 18.0 secs. (Mono / Colour)
	Letter: Approx. 18.0 / 18.0 secs. (Mono / Colour)
Recovery Time (From Sleep Mode)	Approx. 8 secs.
Print Language	UFR II LT
Print Margins	5mm - top, bottom, left and right (Other sizes than Envelope) 10mm - top, bottom, left and right (Envelope)
Direct Print (via USB host v1.1)	File format: JPEG, TIFF (* ¹)
Print Features	Poster, Watermark, Page Composer, Toner Saver
COPY	
Copy Speed	A4: Up to 14.0 / 14.0ppm (Mono / Colour)

	Letter:	Up to 14.0 / 14.0ppm (Mono/Colour)
Copy Resolution	Up to 600 x 600dpi	
First Copy Time (FCOT)	A4:	Approx. 19.0 / 19.0 secs. (Mono / Colour)
	Letter:	Approx. 19.0 / 19.0 secs. (Mono / Colour)
Maximum Number of Copies	Up to 99 copies	
Reduce / Enlargement	25 - 400% in 1% increments	
Copy Features	Frame Erase, Memory Sort, 2 on 1, 4 on 1, ID Card Copy	
SCAN		
Scan Resolution	Optical:	Up to 600 x 600dpi
	Driver Enhanced:	Up to 9600 x 9600dpi
Colour Depth	24-bit	
Pull Scan	Yes, USB and Network	
Push Scan (Scan To PC) with MF ToolBox	Yes, USB and Network	
Scan to USB / Media	Yes (via USB host v1.1)	
Scan Features	TWAIN, WIA (Scan Driver Compatibility)	
PAPER HANDLING		
Paper Input (Standard)	150-sheet Cassette 1-sheet Manual Feed Slot * Plain Paper (60-90g/m ²)	
Paper Output	125 sheets (face down)	
Paper Sizes (Standard Cassette)	A4, B5, A5, Legal*, Letter Statement, Executive, Officio, B-Officio, M-Officio, Government Letter, Government Legal, Foolscap, 16K, Postcard, Postcard without folding line Envelope: COM10, Monarch, C5, B5, DL (US) Custom (Min. 83 x 127mm to Max. 215.9 x 355.6mm) * Legal refers to paper measuring 215.9 x 355.6mm (8.5 x 14 inches)	
Paper Sizes (Manual Feed Slot)	A4, B5, A5, Legal*, Letter, Statement, Executive, Officio, B-Officio, M-Officio, Government Letter, Government Legal, Foolscap, 16K, Postcard, Postcard without folding line, Index Card Envelope: COM10, Monarch, C5, B5, DL (US) Custom (Min. 83 x 127mm to Max. 215.9 x 355.6mm) * Legal refers to paper measuring 215.9 x 355.6mm (8.5 x 14 inches)	

Paper Types	Plain, Heavy, Recycled, Colour, Coated, Transparency, Label, Index, Envelope	
Paper Weight	Standard Cassette:	60 to 220g/m ²
	Manual Feed Slot:	60 to 220g/m ²
CONNECTIVITY AND SOFTWARE		
Standard Interfaces (Wired)	USB 2.0 High-Speed, 10/100 Base-T/Base-TX Ethernet (Network)	
Network Protocol	Print:	LPD, RAW, WSD-Print (IPv4, IPv6)
	Scan:	Email, SMB, WSD-Scan (IPv4, IPv6)
	TCP / IP Application Services:	Bonjour (mDNS), HTTP, HTTPS, POP before SMTP (IPv4, IPv6), DHCP, BOOTP, RARP, ARP+PING, Auto IP, WINS (IPv4), DHCPv6 (IPv6)
	Management:	SNMPv1, SNMPv3 (IPv4, IPv6)
Network Security (Wired)	IP / Mac address filtering, HTTPS, SNMPv3, IEEE802.1x	
Compatible Operating Systems	Windows 8 (32 / 64-bit), Windows 7 (32 / 64-bit), Windows Server 2012 (32 / 64-bit)(* ³), Windows Server 2008 R2 (32 / 64-bit)(* ³), Windows Server 2008 (32 / 64-bit)(* ³), Windows Vista (32 / 64-bit), Windows Server 2003 (32 / 64-bit)(* ³), Windows XP (32 / 64-bit) Mac OS X 10.5.8 & up (* ⁴), Linux(* ⁵)	
Software Included	Printer driver, Scanner driver, Network Scan Utility, MF Toolbox, Presto! PageManager	
SECURITY AND OTHER FEATURES		
Security Function	IEEE802.1x, SNMPv3, HTTPS, IPSEC	
Department ID Management	Yes, Up to 300 IDs	
Cloud / Mobile Print	Apple® AirPrint™, Google Cloud Print™, Canon Mobile Printing	
GENERAL SPECIFICATIONS		
Memory	256MB	
LCD Display	3.5" QVGA Colour LCD (320 x 240 pixels)	
Dimensions (W x D x H)	430 x 484 x 375mm	
Weight	24.0kg (with cartridge)	

Power Consumption	Maximum:	900W or less
	Average; During Operation:	Approx. 400W *in Copying
	Average; During Standby:	Approx. 23W
	Average; During Sleep:	Approx. 1.0W
Energy Star TEC (Typical Electricity Consumption)	0.4kWh / week	
Noise Levels	During Operation:	Sound Pressure Level (Bystander's position) : 46.7dB in Colour Printing (reference value) 47.5dB in B/W Printing (reference value) Sound Power Level, LWAd: 61.3dB or less in Colour Printing 61.6dB or less in B&W Printing
	During Standby:	Sound Pressure Level (Bystander's position) : Inaudible(* ⁶)(Reference Value) Sound Power Level, LWAd: 22.5dB or less
Operating Environment	Temperature:	50 to 86°F (10 to 30°C)
	Humidity:	20% to 80% RH (no condensation)
Power Requirements	AC 220 to 240V, 50 / 60Hz	
Toner Cartridge (* ⁷)	Cartridge 331 Black:	1,400 pages (Bundled Cartridge Black: 800 pages)
	Cartridge 331 II Black:	2,400 pages
	Cartridge 331 Cyan / Magenta / Yellow:	1,500 pages (Bundled Cartridge Cyan / Magenta / Yellow: 800 pages)
Monthly Duty Cycle (* ⁸)	Up to 30,000 pages	
Recommended Monthly Print Volume	250 - 1,000 pages	

Specifications are subject to change without notice. :

- *¹ TIFF files must be in MMR/JPEG compression formats. Some TIFF images downloaded from the internet may not be used
- *² Based on ITU-T #1 Chart (standard mode)
- *³ ScanGear and MF Toolbox are not available for Windows

- Server 2003 / 2008 / 2012
- *⁴ Drivers for Mac OS can be downloaded [here](#) when available
- *⁵ Only the print function is supported for Linux. The latest drivers for Linux can be downloaded [here](#) when available
- *⁶ "Inaudible" means each Sound pressure level at bystander's position is less than the absolute criterion value about background noise of ISO 7779
- *⁷ Toner cartridge yield is in accordance with ISO/IEC 19798
- *⁸ Monthly Duty Cycle value provides a means of comparison for product robustness in relation to other Canon multi-function laser devices, and does not refer to actual maximum image output per month.



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