

Specifications for imageCLASS MF8580Cdw



PRINT		
Printing Method	Colour Laser Beam Printing	
Print Speed	Simplex	A4: Up to 20 / 20ppm (Mono / Colour) Letter: Up to 21 / 21ppm (Mono / Colour)
	Duplex:	A4: Up to 10 / 10ppm, 5 / 5spm (Mono / Colour) Letter: Up to 10 / 10ppm, 5 / 5spm (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. 14.5 / 14.5 secs. (Mono / Colour)
	Letter:	Approx. 14.3 / 14.3 secs. (Mono / Colour)
Recovery Time (From Sleep Mode)	Approx. 8 secs.	
Print Language	UFR II LT, PCL 5c/6	

Fonts	45 fonts	
Auto Duplex Print	Standard	
Available Paper Size for Auto Duplex Print	A4, B5, Letter, Legal*, Executive, Foolscap Recommended Paper Weight: 60 - 163g/m ² * Legal refers to paper measuring 215.9 x 355.6mm (8.5 x14 inches)	
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, Booklet, Watermark, Page Composer, Toner Saver	
COPY		
Copy Speed	Simplex	A4: Up to 20 / 20ppm (Mono / Colour) Letter: Up to 21 / 21ppm (Mono / Colour)
	Duplex:	A4: Up to 10 / 10ppm, 5 / 5spm (Mono / Colour) Letter: Up to 10 / 10ppm, 5 / 5spm (Mono / Colour)
Copy Resolution	Up to 600 x 600dpi	
First Copy Time (FCOT)	A4:	Approx. 15.5 / 16.2 secs. (Mono / Colour)
	Letter:	Approx. 15.3 / 16.0 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	
Duplex Scan	Yes	
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)	
SEND		
Sending Method	SMB, E-mail	
Colour Mode	Full Colour, Grayscale, Monochrome	
Scan Resolution	300 x 300dpi, 200 x 200dpi	
File Format	SMB:	JPEG, TIFF, PDF, Compact PDF
	E-mail:	PDF, Compact PDF
FAX		
Modem Speed	Up to 33.6Kbps	
Fax Resolution	Up to 406 x 391dpi	
Compression Method	MH, MR, MMR, JBIG	
Memory Capacity (* ²)	Up to 512 pages	
One-touch Dial	One-touch Dial: N/A Change to favorite (19 dials) in address book	
Speed Dial (One Touch + Coded dials)	Up to 181 dials	
Group dials / Destinations	Max. 199 dials / Max. 199 destinations	
Sequential Broadcast	Max. 210 destinations	
Receive Mode	Fax Only, Manual, Answering, Fax / Tel Auto Switch	
Memory Backup	Permanent fax memory backup (Backup with flash memory)	
Fax Features	<p>Fax Forwarding *, Dual Access, Remote Reception, PC Fax (TX only), DRPD, ECM, Auto Redial, Fax Activity Reports, Fax Activity Result Reports, Fax Activity Management Reports</p> <p>*Fax Forwarding function allows manual or automatic forwarding of stored fax message to a specified destination in the address book. This function supports forwarding to another fax machine, email address or shared folder. For more details, please refer to the manual of this printer.</p>	
PAPER HANDLING		
Auto Document Feeder (ADF)	50 sheets (80g/m ²)	
Available Paper Size for ADF	A4, B5, B6, Letter, Legal*, Statement, Custom (Min. 128 x 139.7mm to Max. 215.9 x 355.6mm) * Legal refers to paper measuring 215.9 x 355.6mm (8.5 x14 inches)	
Paper Input (Standard)	250-sheet Cassette	

	50-sheet Multi-Purpose Tray * Plain Paper (60-90g/m ²)	
Paper Input (Optional Cassette Feeding Unit - V1)	250-sheet Cassette * Plain Paper (80g/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, C5, B5, DL (US) Custom (Min. 100 x 148mm to Max. 215.9 x 355.6mm) * Legal refers to paper measuring 215.9 x 355.6mm (8.5 x14 inches)	
Paper Sizes (Multi-Purpose Tray)	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. 76.2 x 127mm to Max. 215.9 x 355.6mm) * Legal refers to paper measuring 215.9 x 355.6mm (8.5 x14 inches)	
Paper Sizes (Optional 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. 100 x 148mm to Max. 215.9 x 355.6mm) * Legal refers to paper measuring 215.9 x 355.6mm (8.5 x14 inches)	
Paper Types	Plain, Heavy, Recycled, Colour, Coated, Transparency, Label, Index, Envelope	
Paper Weight (Standard Cassette)	Standard Cassette:	60 to 220g/m ²
	Multipurpose Tray:	60 to 220g/m ²
	Optional Cassette:	60 to 220g/m ²
CONNECTIVITY AND SOFTWARE		
Standard Interfaces (Wired)	Wired:	USB 2.0 High-Speed, 10 / 100 Base-T / Base-TX Ethernet (Network)
	Wireless:	Wi-Fi 802.11b/g/n (Infrastructure mode, WPS Easy Setup)
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
	Wireless:	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
One-Push Wireless Configuration	Wi-Fi Protected Setup (WPS)	
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, Fax 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	
Address Book	LDAP	
GENERAL SPECIFICATIONS		
Memory	512MB	
LCD Display	3.5" QVGA Colour LCD (320 x 240 pixels)	
Dimensions (W x D x H)	430 x 484 x 479mm	
Weight	31.0kg (with cartridge)	
Power Consumption	Maximum:	1,200W or less
	Average; During Operation:	Approx. 450W *in Copying
	Average; During	Approx. 23W

	Standby:	
	Average; During Sleep:	Approx. 1.0W / 2.0W (wireless)
Energy Star TEC (Typical Electricity Consumption)	0.9kWh / week	
Noise Levels	During Operation:	Sound Pressure Level (Bystander's position) : 50.3dB in Colour Printing (reference value) 50.9dB in B/W Printing (reference value) Sound Power Level, LWAd: 64.9dB or less in Colour Printing 64.5dB 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 418 Black:	3,400 pages, (Bundled Cartridge Black: 1,200 pages)
	Cartridge 418 Black VP (Value Pack):	3,400 pages (x2)
	Cartridge 418 Cyan/Magenta/Yellow:	2,900 pages, (Bundled Cartridge Cyan / Magenta / Yellow: 1,400 pages)
Monthly Duty Cycle (* ⁸)	Up to 40,000 pages	
Recommended Monthly Print Volume	750 - 2,000 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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