

Printing Laser imageCLASS MF643Cdw

imageCLASS MF643Cdw



Print ^

Printing Method	Colour Laser Beam Printing
Print Speed	
A4	21ppm / 21ppm (Mono / Colour)
Letter	22ppm / 22ppm (Mono / Colour)
2-Sided	12ppm / 12ppm (Mono / Colour)
Print Resolution	600 x 600 dpi
Print Quality with Image Refinement Technology	1 200 × 1 200 dpi (equivalent)
Warm up Time (From Power On)	13s
First Print Out Time (FPOT)	
A4	10.4s / 10.5s (Mono / Colour)
Letter	10.3s / 10.3s (Mono / Colour)
Recovery Time (From Sleep Mode)	6.1s
Print Language	UFR II, PCL 6

Auto Duplex Print	Standard
Available Paper Size for Auto Duplex Print	A4, B5, Letter, Legal, Executive, Foolscap, Indian Legal
Print Margins	5mm - top, bottom, left and right (Envelope: 10mm)
Print Features	Poster, Booklet, Watermark, Page Composer, Toner Saver
Supported File Format for USB Direct Print	Supported File Format: JPEG, TIFF, PDF
Copy ^	
Copy Speed A4	
A4	21ppm / 21ppm (Mono / Colour)
Letter	22ppm / 22ppm (Mono / Colour)
Copy Resolution	600 x 600dpi
First Copy Out Time (FCOT)	
A4	11.4s / 13.4s (Mono / Colour)
Letter	11.2s / 13.1s (Mono / Colour)
Maximum Number of Copies	999 copies
Reduce/Enlargement	25 - 400% in 1% increments
Copy Features	Frame Erase, Collate, 2 on 1, 4 on 1, ID Card Copy, Passport Copy
Scan ^	
Scan Resolution	
Optical	Platen glass: 600 x 600dpi Feeder: 300 x 300dpi
Driver Enhanced	9 600 x 9 600 dpi
Scan Type	Colour Contact Image Sensor
Maximum Scan Size	
Platen Glass	216.0 x 297mm
Feeder	216.0 x 355.6mm
Scan Speed*1	1-Sided: 26.1 ipm (mono), 13.3 ipm (colour)
Colour Depth	24bit
Pull Scan	Yes, USB and Network
Push Scan (Scan To PC) with MF Scan Utility	Yes, USB and Network
Scan To USB (via USB Host 2.0)	Yes
Scan To Cloud	MF Scan Utility

Scan Driver Compatibility	TWAIN, WIA
Send	^
SEND Method	SMB, Email, FTP
Colour Mode	Full Color, Grayscale, Monochrome
Scan Resolution	300 x 600dpi
File Format	JPEG, TIFF, PDF, Compact PDF, PDF (OCR)
Paper Handling	^
Auto Document Feeder (ADF)	50 sheets (80g/m ²)
Available Paper Size for DADF	A4, B5, A5, Letter, Legal, Statement (Minimum 128 x 139.7mm to Maximum 216.0 x 355.6mm)
Paper Input (based on 80g/m²)	
Standard Cassette	250 sheets
Multi-Purpose Tray	1 sheet
Optional Paper Feeder	N/A
Maximum Paper Input Capacity	251 sheets
Paper Output	100 sheets
Paper Sizes	
Cassette	A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal Custom (Minimum 76.2 x 127.0mm to Maximum 216.0 x 355.6mm)
Multi-Purpose Tray	A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal, Index Card Envelope: COM10, Monarch, C5, DL Custom (Minimum 76.2 x 127.0mm to Maximum 216.0 x 355.6mm)
Optional Paper Feeder	N/A
Paper Types	Plain, Thick, Coated, Recycled, Colour, Label, Postcard, Envelope
Paper Weight	
ADF	50 to 105g/m ²
Cassette / Optional Paper Feeder	60 to 200g/m ²
Multi-Purpose Tray	60 to 200g/m ²

Connectivity & Software ^

Standard Interfaces

Wired USB 2.0 High Speed, 10Base-T/100Base-TX/1 000Base-T

Wireless Wi-Fi 802.11b/g/n
(Infrastructure mode, WPS easy Setup, Direct Connection)

Near Field Communication (NFC) N/A

Network Protocol

Print LPD, RAW, WSD-Print (IPv4,IPv6)

Scan Email, SMB, WSD-Scan(IPv4, IPv6), FTP

TCP/IP Application Services Bonjour(mDNS), HTTP, HTTPS, POP before SMTP (IPv4,IPv6), DHCP, ARP+PING, Auto IP, WINS (IPv4), DHCPv6 (IPv6)

Management SNMPv1, SNMPv3 (IPv4,IPv6)

Network Security

Wired IP/Mac address filtering, HTTPS, SNMPv3, IEEE802.1x, IPSecurity

Wireless WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)

One-Push Wireless Configuration Wi-Fi Protected Setup (WPS)

Other Features Department ID, Secure Print, Application Library

Mobile Solution Canon PRINT Business, Canon Print Service, Google Cloud Print™, Apple® AirPrint®, Mopria® Print Service

Address Book LDAP

Compatible Operating Systems*2 Windows® 10, Windows® 8.1, Windows® 7, Windows Server® 2016, Windows Server® 2012 R2, Windows Server® 2012, Windows Server® 2008 R2, Windows Server® 2008
Mac® OS X 10.9.5 & up*3, Linux*3

Software Included Printer driver, Scanner driver, MF Scan Utility, Toner Status

General ^

Device Memory 1GB

LCD Display WVGA Colour LCD 12.7cm(5in)

Touch Screen Display	
Dimensions (W x D x H)	451 x 460 x 413mm
Weight	20.5kg
Power Consumption	
Maximum	850W
Average (During Copy)	370W
Average (During Standby)	11W
Average (During Sleep)	0.8W (USB/ LAN / Wi-Fi)
Noise Levels*⁴	
During Operation	Sound Pressure Level: 51dB Sound Power Level: 69.4dB
During Standby	Sound Pressure Level: Inaudible Sound Power Level: 43dB
Operating Environment	
Temperature	10 - 30°C
Humidity	20% - 80% RH (no condensation)
Power Requirements	AC 220-240 V (±10%), 50/60 Hz (±2Hz)
Toner Cartridge*⁵	
Standard	Cartridge 054 BK: 1,500 pages (bundled: 1 500 pages) Cartridge 054 C/M/Y: 1 200 pages (bundled: 680 pages)
High	Cartridge 054H BK: 3 100 pages Cartridge 054H C/M/Y: 2 300 pages
Monthly Duty Cycle*⁶	30 000 pages

1. Speed of scanning via the document feeder, A4 size, scan resolution 300 x 300dpi.
2. ScanGear is not available for Windows Server 2003/2008/2012.
3. The latest drivers for Mac OS and Linux can be downloaded from the <https://asia.canon> website when available. Only the print function is supported for Linux.
4. Tested in accordance to ISO 7779 and declared per ISO 9296.
5. Toner cartridge yield is in accordance with ISO/IEC 19798.
6. 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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- All prices above are inclusive of all taxes.
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