Specifications for imageCLASS MF249dw

PRINT	
Printing Method	Monochrome Laser Beam Printing
Print Speed (A4)	27ppm
Print Resolution	600 x 600dpi
Print Quality with Image Refinement Technology	1,200 x 1,200dpi (equivalent)
Warm-Up Time (From Power On)	13.5secs. or less
First Print Out Time (FPOT) A4	Approx. 6.0secs.
Recovery Time (From Sleep Mode)	2.0secs. or less
Print Language	UFR II LT, PCL 6
Auto Duplex Printing	Standard
Available Paper Size for Auto Duplex Print	A4, Letter, Legal [*1], Indian Legal, Foolscap
Print Margin	5mm-top, bottom, left and right (Other sizes than Envelope)
	10mm-top, bottom, left and right (Envelope)

COPY		
Copy Speed (A4)	27ppm	
Copy Resolution	600 x 600dpi	
First Copy Time (FCOT) A4	Approx. 9.0secs.	
Maximum Number of Copies	Up to 999 copies	
Reduce / Enlargement	25 - 400% in 1% increments	
Copy Features	Memory Sort, 2 on 1, 4 on 1, ID Card Copy	

SCAN		
Scan Type	Colour Contact Image Sensor	
Scan Resolution	Optical	Up to 600 x 600dpi
	Driver Enhanced	Up to 9,600 x 9,600dpi
Maximum Scan Size	Platen Glass	Up to 216 x 297mm
Scan Speed [*2]	Platen Glass	Approx. 3.0secs. per sheet (mono)
		Approx. 4.0secs. per sheet (colour)
	ADF (A4)	22 / 15ipm (mono / colour)
Colour Depth	24-bit	
Pull Scan	Yes, USB and Network	
Push Scan (Scan To PC) with MF Scan Utility	Yes, USB and Network	
Scan To Cloud	Yes, MF Scan Utility	
Scan Driver Compatibility	TWAIN, WIA, ICA	

SEND	
SEND Method	SMB, SMTP (E-mail), POP (E-mail)
Colour Mode	Full Colour, Grayscale, Monochrome
Scan Resolution	300 x 300dpi
File Format	JPEG, TIFF, PDF

FAX	
Modem Speed	Up to 33.6 Kbps
Fax Resolution	Up to 200 x 400dpi
Compression Method	MH, MR, MMR
Memory Capacity [*3]	Up to 256 pages
One-touch Dial	4 dials
Coded Dials	Up to 100 dials
Group Dials / Destinations	Max. 103 dials / Max. 50 destinations
Sequential Broadcast	Max. 114 destinations
Duplex Fax (TX)	Yes
Receive Mode	Fax Only, Manual, Answering Machine, Fax / Tel Auto Switch

Memory Backup	Permanent Fax Memory Back-up	
Fax Features	Fax Forwarding, Dual Access, Remote Reception, PC Fax (Transmission only), DRPD, ECM, Auto Redial, Fax Activity Reports, Fax Activity Result Reports, Fax Activity Management Reports	
PAPER HANDLING		
Auto Document Feeder (ADF)	Duplex ADF: 50 sheets (80g/m^2)	
Available Paper Size for ADF	A4, B5, A5, B6, Letter, Legal (Min. 127 x 140mm to Max. 216 x 356mm)	
Paper Input	Standard Cassette	250 sheets
	Multi-Purpose Tray	1 sheet
Paper Output (Based on 68g/m^2)	100 sheets (face down)	
Paper Size	Standard Cassette	A4, B5, A5, Legal, Letter, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal Custom (Min. 76.2 x 210mm to Max. 216 x 356mm)
	Multi-Purpose Tray	A4, B5, A5, Legal, Letter, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal Custom (Min. 76.2 x 127mm to Max. 216 x 356mm)
Paper Weight	Standard Cassette	60 to 163g/m^2
	Multi-Purpose Tray	60 to 163g/m^2
Paper Type	Plain, Heavy, Recycled, Color, Label, Index Card, Envelope	
CONNECTIVITY & SOFTWARE		
Standard Interface	Wired	High-Speed USB 2.0 10 / 100 Base-T Ethernet
	Wireless	Wi-Fi 802.11b/g/n (Infrastructure mode, WPS Easy Setup, Direct Connection)
Network Interface	Print	LPD, RAW, IPP / IPPS, WSD-Print (IPv4, IPv6)
	Scan	WSD-Scan (IPv4, IPv6)
	TCP / IP Application Services:	Bonjour(mDNS), DHCP, BOOTP, RARP, Auto IP (IPv4), DHCPv6 (IPv6)
	Management	SNMPv1/v3 (IPv4, IPv6), HTTP / HTTPS, SNTP
Network security	Wired	IP / Mac address filtering, SNMPv3, SSL (HTTPS / IPPS), IEEE802.1x
	Wireless	WEP 64 / 128-bit, WPA-PSK (TKIP / AES), WPA2-PSK (AES)
Mobile Printing Capability	Canon PRINT Business, Canon Print Service, Google Cloud Print™, Apple AirPrint™, Mopria® Print Service	
Compatible Operating Systems	Microsoft® Windows® 10 (32 / 64-bit), Windows® 8.1 (32 / 64-bit), Windows® 8 (32 / 64-bit), Windows Vista® (32 / 64-bit), Windows® 7 (32 / 64-bit), Windows Vista® (32 / 64-bit), Windows® Server 2012 R2 (64-bit), Windows® Server 2008 R2 (64-bit), Windows® Server 2008 (32 / 64-bit), Windows® Server 2003 R2 (32 / 64-bit), Windows® Server 2003 (32 / 64-bit), Mac OS X [*4] 10.6.8~, Linux [*4]	
Software Included	Printer driver, Fax driver, Scanner driver, MF Scan Utility, AddressBook Tool, SSID Tool, Toner Status, Send Setting Tool	
GENERAL		
Device Memory	512MB	
Operational Panel	6-line Monochrome LCD Touch Screen	
Dimensions (W x D x H)	390 x 378 x 360mm (Cassette closed) 390 x 448 x 360mm (Cassette opened)	
Weight	Approx. 13.1kg (without cartridge) Approx. 13.7kg (with cartridge)	
Power Consumption	Maximum	1,150W or less

	During Operation (Avg.)	Approx. 490W
	During Standby (Avg.)	Approx. 5.7W
	During Sleep (Avg.)	Approx. 1.3W (USB connection)
		Approx. 1.4W (Wired LAN connection)
		Approx. 2.1W (Wireless LAN connection)
Noise level [*5]	During Operation	Sound Pressure Level: 51.0dB
		Sound Power Level: 6.6B
	During Standby	Sound Pressure Level: Inaudible[*6]
		Sound Power Level: 43dB
Operating Environment	Temperature: 10 - 30°C	
	Humidity: 20 - 80% RH (no condensation)	
Power Requirement	AC 220 - 240V (±10%), 50 / 60Hz (±2Hz)	
Consumables [*7]	Toner (Standard)	Cartridge 337: 2,400 pages
		(bundled: 1,700 pages)
Monthly Duty Cycle [*8]	15,000 pages	

Specifications are subject to change without notice.

*1	Legal refers to paper measuring 215.9 x 355.6mm (8.5 x 14 inches).
*2	Scanning with 300 x 300 dpi resolution. The communication time is not included.
*3	Based on ITU-T #1 Chart (standard mode)
*4	Drivers for Mac OS can be downloaded from the here website when available.
*5	Measured in accordance with ISO 7779, declared noise emission in accordance with ISO 9296.
*6	"Inaudible" indicates the sound pressure level of each bystander position is below the ISO 7779 absolute criteria for the background noise level.
*7	Declared yield in accordance with ISO / IEC 19752.
*8	Monthly Duty Cycle value provides a means for comparison of product robustness in relation to other Canon laser devices, and does not refer to actual maximum image output per month.