Canon

Desktop Solutions - Monochrome Laser Multifunctional and Single Function

Model	imageCLASS MF543dw	imageCLASS MF449dw	imageCLASS LBP352dn	LBP351dn	imageCLASS LBP325dn	imageCLASS LBP228dw
Introduction Date	Dec-19	Apr-20	Apr-16		Oct-19	Sep-19
Supported Functions						
Copy	Std.	Std.	N/A		N/A	N/A
Network Print	Std.	Std.	Std.		Std	Std
Network Scan	Std.	Std.	N/A		N/A	N/A
Fax	N/A	Std.	N/A		N/A	N/A
Send	Std. Color Send	Std. Color Send	N/A		N/A	N/A
Scan to USB/Print from USB	N/A	Std.	N/A		N/A	N/A
Wi-Fi Connectivity	Std.	Std.	N/A		N/A	N/A
Specifications						
Output Speed (BW / Color)	Up to 45 ppm	Up to 40 ppm	Up to 65 ppm	Up to 58 ppm	Up to 45 ppm	Up to 40 ppm
First Print Out Time (FPOT)	as fast as 6.0 sec.	as fast as 6.2 sec.	as fast as 7.0 sec.	as fast as 7.2 sec.	as fast as 5.6 sec.	as fast as 5.3 sec.
Warm-up Time	14 sec. or less (From Power On) 4 sec. or less (From Sleep Mode)	14 sec. or less (From Power On) 4 sec. or less (From Sleep Mode)	29 sec. or less (From Power On) 12 sec. or less (From Sleep Mode)		30 sec or less (From Power on) 3 sec or less (from Sleep Mode)	14 sec or less (From Power on) 4 sec or less (from Sleep Mode)
User Interface	5 inch TFT LCD WVGA Color Touch panel	5 inch TFT LCD WVGA Color Touch panel	5-Line LCD Panel		5-Line LCD Panel	5 inch TFT LCD WVGA Color Touch panel
Memory	1GB	1GB	1GB		1GB	1GB
HD Capacity	N/A	N/A	N/A		N/A	N/A
Standard Paper Capacity	650 Sheets (550-Sheet Cassette, 100-Sheet Multipurpose Tray)	350 Sheets (250-Sheet Cassette, 100-Sheet Multipurpose Tray)	600 Sheets (500-Sheet Cassette, 100-Sheet Multipurpose Tray)		650 Sheets (550-Sheet Cassette, 100-Sheet Multipurpose Tray)	350 Sheets (250-Sheet Cassette, 100-Sheet Multipurpose Tray)
Maximum Paper Capacity	2,300 Sheets	900 Sheets	3,500 Sheets		2,300 Sheets	900 Sheets
Paper Weights	16lb. to 32lb. Bond (60 to 120 g/m2)(Cassettes) 16lb. to 73lb. Cover (60 to 199 g/m2) (Multipurpose Tray)	16 lb. Bond to 32 lb. Bond (60 to 120 g/m2) (Cassettes) 16 lb Bond to 60 lb Cover (60 to 163 g/m²) (Multi-Purpose Tray)	16lb. to 32lb. Bond (60 to 120 g/m²)(Cassettes) 16lb. to 53lb. Bond (60 to 199 g/m²) (Multipurpose Tray)		16lb. to 32lb. Bond (60 to 120 g/m2)(Cassettes) 16lb. to 73lb. Cover (60 to 199 g/m2) (Bypass)	16lb. to 32lb. Bond (60 to 120 g/m2)(Cassettes) 16lb. to 60lb. Cover (60 to 163 g/m2) (Multipurpose Tray)
Max. Output Size	8.5" x 14"	8.5" x 14"	8.5" x 14"		8.5" x 14"	8.5" x 14"
Dimensions	19 1/2" x 18 1/4" x 17 3/4"	17 7/8" x 18 1/4" x 15 1/2"	16.4" x 20.9" x 17.3"		16 3/8" x 14 7/8" x 13"	17 1/4" x 14 3/4" x 12 1/4"
Power Requirement/Plug	AC 120 V - 127 V, 7.1 A, 60 Hz	AC 120 V - 127 V, 5.9 A, 60 Hz	120-127V AC / 60Hz / 7.1A/ NEMA 5-15P		AC 120 V - 127 V, 5.7 A, 60 Hz	AC 120 V - 127 V, 7.0 A, 60 Hz
Typical Electricity Consumption (TEC) v3.0 [One Week]	.40 kWh	0.34 kWh	.88 kWh	.78 kWh	.50 kWh	.33 kWh
Power Consumption	Maximum: 1,430W or less Sleep Mode: 0.9 W or less	Maximum: 1,310 W Sleep Mode: 0.9 W	Maximum: 880 W or less Sleep Mode: 20 W or less	Maximum: 820 W or less Sleep Mode: 20 W or less	Maximum: 1,370W or less Sleep Mode: 0.9W or less	Maximum: 1,280W or less Sleep Mode: 1.9W or less
Duty Cycles						
Recommended Monthly Print Volume	2K-7.5K Pages	750 - 4k Pages	5K-20K Pages		2K-7.5K Pages	750 - 4K Pages
Consumables						
Toner Yield**	056 H: 21,000 Pages	057 H: 10k Pages	039 H: 25,000 Pages		20,500 056 H: 21,000 Pages	057 H: 10,000 Pages
Paper Handling Accessories						
Document Feeder & Capacity	50 Sheets	Single Pass DADF / 50 Sheets	N/A		N/A	N/A
Scan Speed (BW/Color, Letter)	Simplex: 38/13 (300 dpi), 21 (600 dpi) Duplex: 71/27 (300 dpi), 35 (600 dpi)	Simplex: 38/13 (300 dpi), 21 (600 dpi) Duplex: 71/27 (300 dpi), 35 (600 dpi)	N/A		N/A	N/A
Output Capacities / Trays	150 Sheets	150 Sheets	Output tray: Approx. 500 sheets Sub-output tray: 100 sheets		N/A	N/A
Printer						
Printer Controller(s) (Supported PDLs)	Std. UFR II, PCL6, Adobe® PostScript® 3™	Std. UFR II, PCL6, Adobe® PostScript® 3™	Std. UFR II, PCL6, Adobe® PostScript® 3™		Std. UFR II, PCL6, Adobe® PostScript® 3™	Std. UFR II, PCL6, Adobe® PostScript® 3™
Network Interfaces	1000Base-T/100Base-TX/10-Base-T, Wireless LAN (IEEE 802.11 b/g/n), NFC, Wi-Fi Direct Connection	1000Base-T/100Base-TX/10-Base-T, Wireless LAN (IEEE 802.11 b/g/n), Wi-Fi Direct Connection	10/100/1000 Base-T Ethernet		1000Base-T/100Base-TX/	1000Base-T/100Base-TX/10-Base-T, Wireless LAN (IEEE 802.11 b/g/n), Wi-Fi Direct Connection
Other Interfaces	USB 2.0 (Host) x2, USB 2.0 (Device) x1	USB 2.0 (Host) x 3, USB 2.0 (Device) x1	USB 2.0 High Speed		USB 2.0 (Host) x2, USB 2.0 (Device) x1	USB 2.0 (Host) x2, USB 2.0 (Device) x1
Scan / Send Features						
Delivery Options	E-Mail, I-Fax (SMTP, POP3), FTP (TCP/IP), SMB (TCP/IP)	E-Mail, I-Fax (SMTP, POP3), FTP (TCP/IP), SMB (TCP/IP)	N/A		N/A	N/A
Security Features						
Authentication/Access Control	**Standard:** Department ID, Embedded Universal Login Manager, uniFLOW Online Express **Optional:** uniFLOW and uniFLOW Online	**Standard:** Department ID, Embedded Universal Login Manager, uniFLOW Online Express **Optional:** uniFLOW and uniFLOW Online	Standard: Department ID Optional: uniFLOW		Standard: Department ID Optional: uniFLOW and uniFLOW Online	**Standard:** Department ID **Optional:** uniFLOW and uniFLOW Online
Data Security	**Standard:** Verify System at Startup	**Standard:** Verify System at Startup	N/A		N/A	N/A
Network Security	**Standard:** IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP	**Standard:** IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP	**Standard:** IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP		**Standard:** IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6	**Standard:** IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6
Document Security	**Standard:** Secure Print **Optional:** Send PDF Security Feature Set	**Standard:** Secure Print **Optional:** Send PDF Security Feature Set	**Standard:** Secure Print **Optional:** Encrypted Secure Print (with SD CARD-C1 kit)		Standard: Secure Print, Encrypted Secure Print	**Standard:** Secure Print
Warranty						
Included Warranty	1 Year Limited (Exchange/Carry-in)	1 Year Limited (Exchange/Carry-in)	1 Year Limited (On-Site)		1 Year Limited (Exchange/Carry-in)	1 Year Limited (Exchange/Carry-in)
eCarePAK Extended Service Plans	1 Year 2 Year 3 Year 4 Year	1 Year 2 Year 3 Year 4 Year	1 Year 2 Year 3 Year 4 Year		1 Year 2 Year 3 Year 4 Year	1 Year 2 Year 3 Year 4 Year
Other Features and Options						
Send File Formats	**Standard:** TIFF, JPEG, PDF(Compact, Searchable) **Optional:** PDF(Encrypted, Digital Signature)	**Standard:** TIFF, JPEG, PDF(Compact, Searchable) **Optional:** PDF(Encrypted, Digital Signature)	N/A		N/A	N/A
Fax Memory	up to 512 pages	up to 512 pages	N/A		N/A	N/A
Environmental Information	ENERGY STAR® Certified, Rated EPEAT® Silver	ENERGY STAR® Certified, Rated EPEAT® Silver	ENERGY STAR® Certified, Rated EPEAT® Silver		ENERGY STAR® Certified, Rated EPEAT® Silver	ENERGY STAR® Certified, Rated EPEAT® Silver
Accessibility Options	N/A	N/A	N/A		N/A	N/A

Note: Capacities are based off of 20lb (75g/m²) unless otherwise noted.

* Time from device power-on, until copy ready (not print reservation)

** The estimated life is a reference value in the case of usage in a typical office. The actual value varies depending on the customer environment, field operation status, etc.

For internal reference only - refer to release notes for complete details. All specifications subject to change. Some features are not available at the time of product launch.