

imageCLASS
MF645Cx | MF746Cx

Canon
Delighting You Always

VIVID PERFORMANCE WITH VIBRANT ADAPTABILITY



**PROFESSIONAL
EFFICIENCY**

**FRIENDLY
MAINTENANCE**

V² COLOUR

**COLOURFUL
PERFORMANCE**

**ECO
SAVINGS**

Business Can Be Simple



SUSTAIN EFFICIENCY IN PERFORMANCE, DESIGNED WITH CONVENIENCE IN MIND

Impress with quality output and cutting-edge features. Canon imageCLASS series uses V² colour technology to produce striking prints, and enhances work productivity with easy-to-use functions, management and maintenance.



MF645Cx

PROFESSIONAL EFFICIENCY



Touch Panel

EASE AT EVERY TOUCH

The imageCLASS series' vari-angle 5-inch touchscreen LCD display allows greater viewing flexibility with a touch, and makes navigation simple, convenient and intuitive.



HIGH PRINT YIELDS

With print yields of up to 7,600 pages (Black) and 5,900 pages (Colour), experience less frequent toner replacements with the optional high capacity toner cartridges.



WIRELESS AND MOBILE CONNECTIVITY

Print on the go using your mobile device for fast data transfers, through a selection of apps such as Canon PRINT Business, Apple® AirPrint®, Google Cloud Print™, Mopria® and Canon Print Service.



SIMPLIFY WORKFLOWS

With the built in Application Library, use applications to ease your work process. The Fax and Store application allows you to keep a backup of sent faxes for easy reference.



PREVIEW AND PRINT

Preview your documents before printing with Memory Media. (Supports TIFF, JPEG and PDF files)

TRUE VIVID COLOUR

V² COLOUR

PRINTOUTS ALMOST TRUE TO LIFE

With V² Colour Technology, expect commanding prints that leave a great impression during business presentations. Anticipate incredible and striking visuals with an expanded colour palette on every print.

EFFORTLESS MAINTENANCE



ALL-IN-ONE, EASY UPKEEP

With the combination of a photosensitive drum, cleaning unit and toner reservoir, Canon's All-in-One toner cartridge gets printing tasks done effortlessly, with minimal maintenance. The auto toner seal removal system also adds convenience when replacing the cartridge.

ECO-SAVINGS



AUTO DUPLEX PRINTING

Cut down costs and save on paper by printing most of your office documents with the double-sided printing function.

SPECIFICATIONS

		MF645Cx	MF746Cx
PRINT		Colour Laser Beam Printing	
Printing Method			
Print Speed	A4	Up to 21 / 21 ppm (Mono/Colour)	Up to 27 / 27 ppm (Mono/Colour)
	Letter	Up to 22 / 22 ppm (Mono/Colour)	Up to 28 / 28 ppm (Mono/Colour)
	2-Sided	Up to 12 / 12 ppm (Mono/Colour)	Up to 21 / 21 ppm (Mono/Colour)
Print Resolution		600 x 600 dpi	
Print Quality with Image Refinement Technology		1,200 x 1,200 dpi (equivalent)	
Warm up Time (From Power On)		13.0 sec or less	
First Printout Time (FPOT)	A4	Approx. 10.4 / 10.5 sec (Mono/Colour)	Approx. 7.7 / 8.6 sec (Mono/Colour)
	Letter	Approx. 10.3 / 10.3 sec (Mono/Colour)	Approx. 7.5 / 8.5 sec (Mono/Colour)
Recovery Time (From Sleep Mode)		Approx. 6.1 sec or less	
Print Language		UFR II, PCL 6, Adobe® PostScript® 3™	
Auto Duplex Print		Standard	
Available Paper Size for Auto Duplex Print		A4, B5, Letter, Legal, Executive, Foolscap, Indian Legal	
Supported File Format for USB Direct Print		Supported File Format: JPEG, TIFF, PDF	
Print Margins		5 mm - top, bottom, left and right (Envelope: 10 mm)	
Print Features		Poster, Booklet, Watermark, Page Composer, Toner Saver	
COPY			
Copy Speed	A4	Up to 21 / 21 ppm (Mono/Colour)	Up to 27 / 27 ppm (Mono/Colour)
	Letter	Up to 22 / 22 ppm (Mono/Colour)	Up to 28 / 28 ppm (Mono/Colour)
Copy Resolution		600 x 600 dpi	
First Copy Time (FCOT)	A4	Approx. 11.4 / 13.4 sec (Mono/Colour)	Approx. 9.8 / 11.3 sec (Mono/Colour)
	Letter	Approx. 11.2 / 13.1 sec (Mono/Colour)	Approx. 9.5 / 11.1 sec (Mono/Colour)
Maximum Number of Copies		Up to 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 Type		Colour Contact Image Sensor	
Scan Resolution	Optical	Platen glass: up to 600 x 600dpi, Feeder: up to 300 x 300dpi	
	Driver Enhanced	Up to 9,600 x 9,600 dpi	
Maximum Scan Size	Platen Glass	up to 216.0 x 297mm	
	Feeder	up to 216.0 x 355.6mm	
Color Depth		24-bit	
Duplex Scan		Yes	
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 Driver Compatibility		TWAIN, WIA	
Scan Speed ⁽¹⁾		1-Sided: 26.1 ipm (mono), 13.3 ipm (colour), 2-Sided: 51.2 ipm (mono), 26.1 ipm (colour)	
Scan to Cloud		MF Scan Utility	
SEND			
Sending Method		SMB, Email, FTP, iFAX Simple	
Color Mode		Full Colour, Grayscale, Monochrome	
Scan Resolution		300 x 600 dpi	
File Format		JPEG, TIFF, PDF, Compact PDF, PDF (OCR)	
FAX			
Modem Speed		Up to 33.6 Kbps	
Fax Resolution		Up to 408 x 392 dpi	
Compression Method		MH, MR, MMR, JBIG	
Memory Capacity ⁽²⁾		Up to 512 pages	
Favourite Dials (in address book)		19 dials	
Speed Dial (Coded Dial)		Up to 281 dials	
Group dials / Destinations		Max. 299 dials / Max. 299 destinations	
Sequential Broadcast		Max 310 destinations	
Duplex Fax (Transmission)		Yes	
Receive Mode		Fax Only, Manual, Answering, Fax/Tel Auto Switch	
Memory Backup		Permanent fax memory backup. (Backup with flash memory)	
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	
Transmission Time		Approx. 2.6 sec	

SPECIFICATIONS

MF745Cx

MF746Cx

PAPER HANDLING		50 sheets (80g/m ²)	
Duplex Auto Document Feeder (DAF)		50 sheets (80g/m ²)	
Available Paper Size for ADF		A4, B5, A5, Letter, Legal, Statement (min. 139.7 x 128.0 mm to max. 216.0 x 355.6 mm)	
Paper Input	Cassette	250 sheets	
	Multi-Purpose Tray	1 sheet	50 sheet
	Optional Paper Feeder	N/A	550 sheets
Maximum Paper Input Capacity		251 sheets	850 sheets
Paper Output		100 sheets	150 sheets
Paper Size	Cassette	A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal, Custom (Min. 76.2 x 127.0mm to Max. 216.0 x 355.6mm)	A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal, Custom (Min. 98.0 x 148.0mm to Max. 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 (Min. 76.2 x 127.0mm to Max. 216.0 x 355.6mm)	
	Optional Paper Feeder	N/A	A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal Custom (Min. 98.0 x 148.0mm to Max. 216.0 x 355.6mm)
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 Interface	Wired	USB 2.0 High Speed, 10Base-T/100Base-TX/1000Base-T	
	Wireless	Wi-Fi 802.11b/g/n (Infrastructure mode, WPS easy Setup, Direct Connection)	
Near Field Communication (NFC)		N/A	Yes (Passive)
Network Protocol	Print	LPD, RAW, WSD-Print (IPv4, IPv6)	
	Scan	Email, SMB, WSD-Scan (IPv4, IPv6), FTP	
	TCP/IP Application Services Management	Bonjour(mDNS), HTTP, HTTPS, POP before SMTP (IPv4, IPv6), DHCP, ARP+PING, Auto IP, WINS (IPv4), DHCPv6 (IPv6) SNMPv1, SNMPv3 (IPv4, IPv6)	
Network Security	Wired	IP/Mac address filtering, HTTPS, SNMPv3, IEEE802.1x, IPSEC	
	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 ^(*)		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 ^(*) , Linux ^(*)	
Software Included		Printer driver, Fax driver, Scanner driver, MF Scan Utility, Toner Status	
GENERAL			
Device Memory		1 GB	
LCD Display		WVGA Colour LCD 5.0" Touch Screen Display	
Dimensions (W x D x H)		451 x 460 x 413 mm	471 x 469 x 460 mm
Weight		20.5 kg	24.5 kg
Power Consumption (Maximum)		850 W or less	1,370 W or less
Power Consumption (Average; During Operation)		Approx. 370 W	Approx. 530 W
Power Consumption (Average; During Standby)		Approx. 11 W	Approx. 18.0 W
Power Consumption (Average; During Sleep)		Approx. 0.8 W (USB/ LAN / Wi-Fi)	Approx. 0.7 W (USB/ LAN / Wi-Fi)
Noise Levels ^(*)	During Operation	Sound Pressure Level: 51 dB, Sound Power Level: 69.4 B	Sound Pressure Level: 49 dB, Sound Power Level: 70.5 dB
	During Standby	Sound Pressure Level: Inaudible, Sound Power Level: 43 dB	Sound Pressure Level: 26 dB, Sound Power Level: 43 dB
Operating Environment	Temperature	10 - 30°C	
	Humidity	20% - 80% RH (no condensation)	
Power Requirements		AC 220 - 240 V(+/- 10%), 50/60 Hz(+/- 2 Hz)	
Toner Cartridge ^(*)	Standard	Cartridge 054 BK: 1,500 pages (bundled: 1,500 pages) Cartridge 054 C/M/Y: 1,200 pages (bundled: 680 pages)	Cartridge 055 BK: 2,300 pages (bundled: 2,300 pages) Cartridge 055 C/M/Y: 2,100 pages (bundled: 1,200 pages)
	High	Cartridge 054H BK: 3,100 pages Cartridge 054H C/M/Y: 2,300 pages	Cartridge 055H BK: 7,600 pages Cartridge 055H C/M/Y: 5,900 pages
Monthly Duty Cycle ^(*)		30,000 pages	50,000 pages
OPTIONAL ACCESSORIES			
Paper Feeder		N/A	Cassette Feeding Unit-AF1 (550 sheets)
Barcode Printing		Barcode Printing Kit-E1	
Attachment Kit for NT-Ware MI-Card Reader		MI-Card Attachment Kit-B1	

*1 Speed of scanning via the document feeder, A4 size, scan resolution 300 x 300 dpi.

*2 Based on ITU-T #1 Chart (standard mode).

*3 ScanGear is not available for Windows Server 2003/2008/2012.

*4 The latest drivers for Mac OS and Linux can be downloaded from the <https://asia.canon-web-site> when available. Only the print function is supported for Linux.

*5 Tested in accordance to ISO 7779 and declared per ISO 9296.

*6 Toner cartridge yield is in accordance with ISO/IEC 19798.

*7 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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