

## Color imageCLASS MF746Cdw/MF746Cx

Color | Compact | Multifunction

Print up to 28 ppm

Print up to 8-1/2" x 14"

850-sheet maximum paper capacity

Supports uniFLOW and uniFLOW Online



Designed for small work groups, the Canon Color imageCLASS MF746Cdw/MF746Cx offers feature-rich capabilities with high-quality imaging and minimal maintenance. Print, copy, scan, and fax capabilities help you accomplish necessary tasks with just one machine. A 5" color touchscreen delivers an intuitive user experience and can be customized by a device administrator to simplify many daily tasks.



### WORKFLOW EFFICIENCY

- 5" intuitive color touchscreen with smartphone-like usability.
- A unique, customized device experience with Application Library.
- Supports certain compatible mobile solutions for printing and scanning.<sup>1</sup>
- Scan and convert documents to searchable digital files through a single-pass, duplex document feeder.
- Designed for smaller print jobs with first print-out time as fast as 7.5 seconds.



### SECURITY FEATURES

- Helps mitigate risk of confidential information loss, as documents are only stored in short-term memory.
- Security settings can be set behind an administrator log-in. When used in conjunction with imageWARE Enterprise Management Console Device Configuration Manager Plug-in, these settings can be captured and exported to other devices on the same network.<sup>2</sup>
- Remotely control device access and set rules via optional uniFLOW software.
- Limit document distribution by implementing Send-to-Myself-only.



### COST MANAGEMENT

- Leverage optional uniFLOW software for full accounting and reporting for Canon and third-party devices, pull printing, and job routing.
- Service parts are designed for the machine's life cycle to help minimize need for proactive maintenance and helps reduce service calls.
- High-capacity, all-in-one cartridge helps reduce overall supply costs.



## DEVICE AND FLEET MANAGEMENT

- Designed for quick, easy deployment.
- Remote diagnostics for rapid service response.
- Easily monitor device status and consumable levels, observe meter readings, manage settings, and implement security settings.



## QUALITY AND RELIABILITY

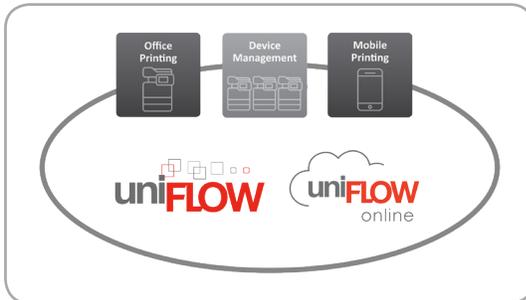
- Canon's signature reliability and engine technologies keep productivity high and minimize the impact on support resources.
- Designed to achieve maximum uptime with status notifications to help keep supplies replenished.
- Intuitive animations for common tasks like consumables replacement.



## SUSTAINABILITY

- A combination of fusing technologies and low-melting-point toner minimizes power requirements and therefore uses less energy.
- Encourages environmentally conscious work practices by enabling multiple settings that can help save paper and energy.
- ENERGY STAR® certified and currently rated EPEAT® Silver.<sup>3</sup>

### KEY FEATURES



## MANAGE OUTPUT WITH uniFLOW SOFTWARE

The optional uniFLOW portfolio offers an on-premise or cloud solution<sup>6</sup> that imageCLASS devices can utilize with flexible authentication. With either card-based or PIN code based authentication, imageCLASS devices can secure output management, track costs with reporting, and operate mobile printing.



## FLEET MANAGEMENT TOOLS

imageWARE Enterprise Management Console can be used by a device administrator to centrally manage the Canon printer fleet, including consumables, status notifications, meters, and configuration settings. imageWARE Remote allows for the service provider to manage devices proactively, including remote diagnosis and reporting. Local Content Delivery System facilitates remote firmware download at the device level.



## FAST, SINGLE-PASS DUPLEX SCANNING

The Color imageCLASS MF746Cdw/MF746Cx model leverages a single-pass document feeder for two-sided scanning at up to 51 images per minute (ipm) in black and white or up to 27 ipm in color. Scanned files can be converted into multiple file formats, including Hi-Compression PDF and Searchable PDF (OCR).



Single-Pass 2-Sided Scan



## EASY TO USE WITH APPLICATION LIBRARY

Unique to the Canon imageCLASS product line, the Application Library platform allows for one-touch button creation of key functions: Print Template, Standby Slide (screen saver), Scan-to-Preset Destination, ID Card Copy, Consumables Information, Copy (Eco), Copy (Bleed Reduce), Passport Copy, Fax and Store, Name and Scan, Copy (Enhance Text) and Language.



APPLICATION LIBRARY

# SPECIFICATIONS

## Main Unit

### Core Functions

Standard: Print, Copy, Scan, Fax, Send (Lite)

### Item Code

3101C005 (120V); 3101C005 (230V)

### Processor

Canon Custom Processor

### Control Panel

5" Color Touch Panel

### Memory

1 GB

### Standard Interface Connection

USB 2.0 x2 (Host), USB 2.0 x1 (Device) High-Speed, 10/100/1000Base-T Ethernet (Network), Wi-Fi 802.11b/g/n, Wi-Fi® Direct Connection, Near Field Communication

### Paper Capacity (Letter, 20 lb. Bond)

Standard: 300 Sheets  
Maximum: 850 Sheets

### Paper Sources (Letter, 20 lb. Bond)

Standard: 250-sheet Paper Cassette, 50-sheet Stack Bypass  
Optional: 550-sheet Paper Cassette (Cassette Unit AF-1)

### Paper Output Capacity (Letter, 20 lb. Bond)

Standard: 75 Sheets

### Supported Media Types

Cassettes: Thin, Plain, Recycled, Color, Thick, Coated, Label, Letter, Envelope (10 Envelopes)  
Manual Feed Slot: Thin, Plain, Recycled, Color, Thick, Coated, Label, Letter, Envelope (1 Envelope)

### Supported Media Sizes

Cassettes: Letter, Legal, Statement, Executive, Envelope: COM10, Monarch, C5, DL, Custom (Min. 3" x 5" to Max. 8.5" x 14")  
Manual Feed Slot: Letter, Legal, Statement, Executive, Envelope: COM10, Monarch, C5, DL, Custom (Min. 3" x 5" to Max. 8.5" x 14")

### Supported Media Weights

Cassettes: 16 lb. Bond to 53 lb. Bond (60 to 200 g/m<sup>2</sup>)  
Manual Feed Slot: 16 lb. Bond to 53 lb. Bond (60 to 200 g/m<sup>2</sup>)

### Warm-up Time

From Power On: 13 Seconds or Less  
From Sleep Mode: 6.1 Seconds or Less

### Dimensions (W x D x H)

Standard (Desktop): 18.8" x 18.8" x 18.4"  
(478 mm x 478 mm x 467 mm)  
Box: 24.0" x 23.0" x 23.2"  
(610 mm x 584 mm x 589 mm)

### Installation Space (W x D x H)

Standard (Desktop): 21.4" x 43.8" x 29"  
(544 mm x 1,112 mm x 736 mm)  
Fully Configured: 21.4" x 43.8" x 34.1"  
(544 mm x 1,112 mm x 866 mm)

### Weight<sup>4</sup>

Unit: Approx. 64 lb. (29 kg)  
Boxed Weight: Approx. 76 lb. (35 kg)

### Supported OS

Windows 7/Windows 8.1/Windows 10/Windows Server 2008/Windows Server 2008 R2/Windows Server 2012/Windows Server 2012 R2/Windows Server 2016/Mac OS X v10.9.5 (or later)

### What Comes In The Box

MF746Cdw Product, Cartridge 055 CMY Starter: 1,200 Yield/Black Standard: 2,300 Yield, Power Cord, Telephone Cable, Starter Guide, User Software DVD-ROM

## Print Specifications

### Printing Method

Laser Beam Printing

### Print Speed<sup>5</sup>

Up to 28 ppm (Letter); Up to 22.9 ppm (Legal)

### First-Print-Out Time

Approx. 7.5 Seconds

### Recommended Monthly Page Volume

750 - 4,000 Pages

### Print Resolution (dpi)

600 x 600

### Standard Page Description Languages

UFR II, PCL<sup>®</sup>6, PCL<sup>®</sup>5, Adobe PostScript<sup>®</sup> 3<sup>™</sup>

### Double-Sided Printing

Automatic (Standard)

### Direct Print

Available from USB Memory (JPEG, TIFF, PDF)

### Printing from Mobile and Cloud-based Services<sup>1</sup>

Apple<sup>®</sup> AirPrint<sup>®</sup>, Canon PRINT Business, Mopria<sup>™</sup> Print Service, Google Cloud Print<sup>™</sup><sup>6</sup>

## Copy Specifications

### Copy Speed

Up to 28 ppm (Letter); Up to 22.9 ppm (Legal)

### First-Copy-Out Time (Letter)

Platen: 11.2 seconds/13.1 seconds (BW/Color)  
ADF: 9.9 seconds/11.8 seconds (BW/Color)

### Copy Resolution (dpi)

600 x 600

### Copy Size

Platen: Up to Letter  
ADF: Up to Legal

### Multiple Copies

Up to 999 Copies

### Magnification

25% - 400% (1% Increments)

### Preset Reductions

25%, 50%, 64%, 78%

### Preset Enlargements

129%, 200%, 400%

### Copy Features

Paper Setting, Favorite Setting, Two-sided, Original Type Selection, Cancel, N-on-1, Density Adjustment, Sharpness, Erase Frame, Collate, Copy ID Card

## Scan Specifications

### Type

Single-Pass Duplexing Automatic Document Feeder

### Document Feeder Paper Capacity

50 Sheets (20 lb. Bond)

### Document Feeder Supported Media Sizes

Legal, Letter, Statement

### Document Feeder Supported Media Weights

13-28 lb. Bond (50-105 g/m<sup>2</sup>)

### Platen Acceptable Originals

Sheet, Book

### Pull Scan

ScanGear MF for TWAIN, and WIA

### Scan Resolution (dpi)

Push Scan: Up to 300 x 600  
Pull Scan: Up to 600 x 600

### Scan-to-Mobile Devices

Canon PRINT Business

### Scan Speed (Letter)

Single-sided: 14/28 ipm (300 x 600 dpi) (Color/BW)  
Double-sided: 27/51 ipm (300 x 600 dpi) (Color/BW)

### Memory Media

Standard USB Memory (JPEG, TIFF, PDF)

## Send Specifications

### Destination

Email/Internet FAX (SMTP), SMB, FTP

### Address Book

LDAP (50)/Local (300)/Speed Dial (281)

### Send Resolution (dpi)

600 x 600 (Pull Scan), 196 x 204 (iFax), 300 x 300 (Other)

### Communication Protocol

File: FTP, SMB  
Email/iFax: SMTP, POP3, iFax (Simple)

### File Format

Standard: TIFF, JPEG, PDF (Compact, Searchable)  
Optional: PDF (Encrypted, Digital Signature)

## Fax Specifications

### Modem Speed

Super G3: 33.6 kbps  
G3: 14.4 kbps

### Compression Method

MH, MR, MMR, JBIG

### Resolution (dpi)

400 x 400, 200 x 400, 200 x 200, 200 x 100

### Sending/Recording Size

Statement to Legal

### Fax Memory

Up to 512 Pages

### Speed Dials

Max. 281

### Group Dials/Destinations

Max. 299 Dials

### Sequential Broadcast

Max. 310 Addresses

### Memory Backup

Yes

### Fax Features

RX Mode, Resolution, Two-sided Original, Density, Sharpness, Favorite Settings, Duplex Fax

## Security Specifications

### Authentication

Standard: Embedded Universal Login Manager, Department ID Authentication  
Optional: uniFLOW, uniFLOW Online

### Network

Standard: IP/MAC Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X(Wired Only), IPv6, SMTP Authentication, POP Authentication, POP Authentication before SMTP

### Document

Standard: Secure Print

### Wi-Fi Authentication Methods

Wi-Fi Infrastructure Mode: WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)  
Wi-Fi Access Point: WPA2-PSK (AES)

## Environmental Specifications

### Operating Environment

Temperature: 50 to 86° F  
Humidity: 20 to 80% RH (no condensation)

### Power Requirements

AC 120-127 V: 6.5 A, 60 Hz  
AC 220 -240V: 3.5A, 50/60Hz

### Power Consumption

Maximum: Approx. 1470 W (120V); 1370 W (230V)  
Standby: Approx. 20.5 W (120V); 18.0 W (230V)  
Sleep Mode: Approx. 0.6 W (120V); 0.7 W (230V)  
Typical: 1.0 kWh  
Electricity Consumption (TEC) Rating:

### Standards

ENERGY STAR<sup>®</sup> Qualified, Rated EPEAT Silver<sup>3</sup>

## CONFIGURATION AND ACCESSORIES



**OPTIONAL CASSETTE AF-1**  
Item: 0732A032

### Accessories

#### Card Readers\*

##### MiCard Readers\*\*

Proximity card reader designed to be used with uniFLOW for card authentication

##### Copy Card Reader-F1

Department ID authentication with Canon magnetic stripe cards

\* Attachment kit required.

\*\* Ask Dealer for reader compatibility information.

#### Print/Scan Accessories

##### Barcode Print Kit-E1

Installs bar code fonts for bar code printing

##### Send PDF Security Kit-E1

Send encrypted PDFs and add digital device signatures

### GENUINE® CONSUMABLES

Always look for the Canon anti-counterfeiting hologram on your Canon GENUINE product packaging.



Cartridge 055 Black	Item No.: 3016C1001	Yields 2,300 Pages
Cartridge 055 H Black	Item No.: 3020C001	Yields 7,600 Pages
Cartridge 055 Cyan	Item No.: 3015C001	Yields 2,100 Pages
Cartridge 055 H Cyan	Item No.: 3019C001	Yields 5,900 Pages
Cartridge 055 Magenta	Item No.: 3014C001	Yields 2,100 Pages
Cartridge 055 H Magenta	Item No.: 3018C001	Yields 5,900 Pages
Cartridge 055 Yellow	Item No.: 3013C001	Yields 2,100 Pages
Cartridge 055 H Yellow	Item No.: 3017C001	Yields 5,900 Pages

Use of Canon GENUINE toner cartridges helps provide longer equipment life, high yields, reliable performance, high-quality output, and minimal jamming or issues.

1. Canon PRINT Business is a free app available on the App Store® and Google Play™ Store. For more information, including compatibility, please visit [www.cla.canon.com/cla/en/office/MobileApps](http://www.cla.canon.com/cla/en/office/MobileApps). Please see the respective websites for Apple AirPrint and Mopria Print Service for compatibility and additional information.
2. Please reference user manuals for details on settings available to export.
3. For latest EPEAT ratings (Gold/Silver/Bronze), please visit [www.cla.canon.com/cla/en/epeat](http://www.cla.canon.com/cla/en/epeat).
4. Includes consumables.
5. Print speed is based on internal testing. Print speed may vary, depending on the number of copies selected as well as the settings for size, type, and orientation of paper.
6. Subscription to a third-party cloud service required. Subject to third-party cloud service providers' terms and conditions.

[www.cla.canon.com/Color\\_imageCLASS\\_MF](http://www.cla.canon.com/Color_imageCLASS_MF)

# Canon

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Latin America Group  
One Canon Park  
Melville, NY 11747  
U.S.A.

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