

Canon

IMAGECLASS MF743CDW

SPEEDS OF UP TO 28 PAGES PER
MINUTE IN B/W & COLOR



EASILY CONNECT MOBILE
DEVICES USING **Wi-Fi DIRECT**

FIRST PRINT-OUT IN 7.5
SECONDS OR LESS

USER-FRIENDLY 5"
COLOR TOUCH LCD

PRINT ON-THE-GO WITH **APPLE®**
AIRPRINT® AND **GOOGLE**
CLOUD PRINT™



SCANS BOTH SIDES OF YOUR
DOCUMENT IN A SINGLE PASS



Main Unit

Core Functions

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

Item Code

3101C011

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

Paper Sources (Letter, 20 lb. Bond)

Standard: 250-sheet Paper Cassette, 50-sheet Stack Bypass

Optional: 550-sheet Paper Cassette (Cassette Unit AF-1)

Maximum: 850 Sheets

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)

Stack Bypass: Thin, Plain, Recycled, Color, Thick, Coated, Label, Letter, Envelope (1 Envelope)

Supported Media Sizes

Cassettes: A4, A5, B5, Letter, Legal, Statement, Executive, Envelope: COM10, Monarch, C5, DL, Custom (Min. 3" x 5" to Max. 8.5" x 14")

Stack Bypass: 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/m²)

Stack Bypass: 16 lb. Bond to 53 lb. Bond (60 to 200 g/m²)

Warm-up Time

From Power On: 13 Seconds or Less

From Sleep Mode: 6.1 Seconds or Less

Mode:

Dimensions (W x D x H)

Standard 18.8" x 18.8" x 18.4"

(Desktop): 478 mm x 478 mm x 467 mm

Box: 23.7" x 18.8" x 23.2"

(602 mm x 479 mm x 589 mm)

Installation Space (W x D x H)

Standard 21.4" x 43.8" x 29"

(Desktop): 544 mm x 1,112 mm x 736 mm

Fully 21.4" x 43.8" x 34.1"

Configured: 544 mm x 1,112 mm x 866 mm

Weight²

Unit: Approx. 64 lb. (29.0 kg)

Boxed Weight: Approx. 76.1 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

MF743Cdw Product, Cartridge 055 CMY Starter: 1,200 Yield/Black Standard: 2,300 Yield, Power Cord, Telephone Cable, Starter Guide, User Software DVD-ROM, Warranty Card

Print Specifications

Printing Method

Laser Beam Printing

Print Speed³

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

Double-Sided Printing

Automatic (Standard)

Direct Print

Available from USB Memory (JPEG, TIFF, PDF)

Printing from Mobile and Cloud-based Services⁴

Apple® AirPrint®, Canon PRINT Business, Mopria™ Print Service, Google Cloud Print™⁵

Copy Specifications

Copy Speed

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

First-Copy-Out Time (Letter)

Platen: 9.5 seconds/11.1 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/m²)

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) (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: Department ID Authentication

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

Power Consumption

Maximum: Approx. 1470 W

Standby: Approx. 20.5 W

Sleep Mode: Approx. 0.6 W

Typical 0.31 kW/h

Electricity

Consumption

(TEC) Rating:

Standards

ENERGY STAR® Qualified, Rated EPEAT Silver¹