Canon

ImageClass MF429DW

Fast 40 pages per minute in black & white

5" color touchscreen with smartphone like usability

Remotely control device access

First print-out time as fast as 6 seconds

Supports mobile solutions for printing and scanning

High-capacity, all-in-one cartridge helps reduce costs

Main Unit

Core Functions
Standard: Print, Copy, Scan, Send, Fax

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

Paper Capacity (Letter, 20 lb. Bond)
Standard: 350 Sheets
Maximum: 900 Sheets

Paper Sources (Letter, 20 lb. Bond)
Standard: 250-sheet Paper Cassette, 100-sheet Stack Bypass
Optional: 550-sheet Paper Cassettes (Cassette Unit-AH1)

Paper Output Capacity (Letter, 20 lb. Bond)
Standard: 65 Sheets

Supported Media Types
Cassettes: Thin, Plain, Recycled, Thick, Bond
Stack Bypass: Thin, Plainr, Recycled, Thick, Bond, Label, Envelope (10 Envelopes)

Supported Media Sizes
Cassettes: Letter, Legal, Statement, Executive Custom (Min. 4.1" x 5.8" 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: 14 lb. Bond to 32 lb. Bond (52 to 120 g/m^2)
Stack Bypass: 14 lb. Bond to 43 lb. Bond (52 to 163 g/m^2)

Warm-up Time
From Power On: 14 Seconds or Less
From Sleep Mode: 4 Seconds or Less

Dimensions (W x D x H)
Standard (Desktop):   17.9" x 18.3" x 15.5" (453 mm x 464 mm x 392 mm)

Installation Space (W x D x H)
Standard (Desktop):   21.8" x 38.7" x 28.6" (553 mm x 983 mm x 664 mm)
Fully Configured: 21.8" x 38.7" x 43.9" (553 mm x 983 mm x 795 mm)

Weight
Machine Only: Approx. 35.8 lb. (16.2 kg)
Boxed Weight: Approx. 45.9 lb. (20.8 kg)

Print Specifications

Printing Method
Laser Beam Printing

Print Speed[4]
Up to 40 ppm (Letter); Up to 32 ppm (Legal)

First-Print-Out Time
Approx. 6 Seconds

Recommended Monthly Page Volume
500 - 4,000 Pages

Print Resolution (dpi)
600 x 600

Standard Page Description Languages
UFR II, PCL®6, PCL®5, Adobe PostScript 3®

Double-Sided Printing
Automatic (Standard)

Direct Print
Available from USB Memory (JPEG, TIFF, PDF)

Printing from Mobile and Cloud-based Services[5]
Apple® AirPrint,® Canon PRINT Business, Mopria™ Print Service, Google Cloud Print,™[6] uniFLOW Secure Mobile Printing

Fonts
PCL: 93 Fonts
PS: 136 Fonts

Operating System
UFR II/
PCL/PS: 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 v10.8.5 (or later)

Copy Specifications

Copy Speed
Up to 40 ppm (Letter); Up to 32 ppm (Legal)

First-Copy-Out Time (Letter)
Approx. 6.0 Seconds

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 Settings, 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
Single and Double-sided scanning: 13-28 lb. Bond (50-105 g/m^2)

Platen Acceptable Originals
Sheet, Book

Pull Scan
ScanGear MF for TWAIN, WIA, and ICA

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 v10.8.5 (or later)

Scan Resolution (dpi)
300 x 600, 600 x 600

Scan-to-Mobile Devices
Canon PRINT Business

Scan Speed (Letter)
Single-sided: 13/38 ipm (300 x 600 dpi) (Color/BW)
Double-sided: 26/70 ipm (300 dpi) (Color/BW)

Memory Media
Standard USB Memory (JPEG, TIFF, PDF)

Send Specifications

Destination
Email/Internet FAX (SMTP), SMB, FTP, Super G3 FAX

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, IPv6, SMTP Authentication, POP Authentication before SMTP

Document
Standard: Secure Print
Optional: Encrypted PDF, User and Device Signatures

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. 1320 W
Standby: Approx. 10 W
Sleep Mode: Approx. 0.9 W
Typical Electricity Consumption (TEC) Rating: 1.3 kWh

Standards
ENERGY STAR® Qualified, Rated EPEAT Silver