Color imageCLASS® MF8450c

Technical Information

PRINTER SPECIFICATIONS

Duplex Print
Yes

Printer Type
Color Laser

Print Speeds
Black/Color: Up to 17 ppm (letter)

Print Resolution
Up to 600 x 600 dpi; 2400 x 600 dpi quality

Printer Language
Canon UFR II LT (Host-based)

Print Memory
384MB (shared)

COPIER SPECIFICATIONS

Duplex Copy / Bind Type
Yes, 1 to 2, 2 to 1, 2 to 2 / Book, Calendar

Copy Type
Color Laser

Copy Speed
Black/Color: Up to 17 cpm (letter)

Copy Resolution
Up to 600 x 600 dpi

Halftones
256 levels

Warm-up Time
Approx. 60 seconds from Power On; 20 seconds from Sleep

First Copy Time
Approx. 16 seconds (black/color)

Paper Source(s)
250-sheet cassette; 100-sheet multipurpose tray

Optional Cassette
Optional 500-sheet cassette pedestal

Paper Weight
16 to 32 lb. (cassette); 16 to 47 lb. (multipurpose tray)

Paper Output
250 sheets

Reduction/Enlargement
50%, 64%, 78% / 129%, 200%

Zoom
50-200% in 1% increments

Document Feeder
50-sheet[1]

Copy Size
Platen: Up to 8.5" x 14"; ADF: 5.5" x 5" to 8.5" x 14"

Copy Features
ACS (Auto Color Select), AE (Auto Exposure), Frame Erase, Memory Sort, Toner Saver Mode, 2 on 1, 4 on 1

Copy Memory
384MB (shared)

FAX/PC FAX SPECIFICATIONS

Duplex Fax
Yes (reception only)

Modem Speed
Up to 33.6 Kbps (Super G3)

Fax Resolution
Up to 406 x 391 dpi (ultra fine)

Memory Capacity
Up to 1,000 pages[2]

Speed Dial
200 locations

Receive Modes
Fax Only, Manual, Answering, Fax/Tel Auto Switch

Fax Features
Remote RX, Delayed TX, Dual Access

Memory Backup
Yes, 1 hour

PC Fax
Yes (sending only)

1 Based on 20 lb. paper
2 Based on ITU-T #1 Chart (standard mode)
3 USB 2.0 Hi-Speed performance requires Windows XP SP1 or Windows 2000 SP4 with pre-installed USB 2.0 port.
4 Warranty program is subject to certain conditions and restrictions. See the warranty card for details.

Features and specifications are subject to change without notice.

SCANNER SPECIFICATIONS

Available only via Network

Duplex Scan
Yes

Scan Type
Color CCD

Scan Resolution
Black: 600 x 600 dpi
Color: 300 x 600 dpi

Color Depth
24-bit

Document Size
Platen: Up to 8.5" x 14"; ADF: 5.5" x 5" to 8.5" x 14"

Compatibility
TWAIN, WIA

Output File Formats
JPEG, PDF, TIFF

Scan to USB
USB Host (x2)
USB 2.0 Hi-Speed[3]
Supported Media
USB Flash
Output File Formats
JPEG, TIFF, Text

SEND SPECIFICATIONS

Scan to E-Mail
Yes

Internet Fax
Yes

Other Protocols
Scan to SMB, USB Memory & FTP

Output File Formats
JPEG, Hi-compression PDF, PDF, TIFF

INTERFACE/SOFTWARE

Standard Interface(s)
USB 2.0 Hi-Speed[3], 10 Base T/100 Base TX (embedded)

USB Functions
Print/PC Fax

Network Functions
Print/PC Fax/Scan/Send

Network Protocol
TCP/IP

OS Compatibility
Windows Vista®, Server 2003, XP, 2000,
Mac® OS X (print only) *Driver available for download from cusa.canon.com*

General Specifications

LCD Display
3.5-inch color TFT

Dimensions
21.5" (W) x 20.8" (D) x 24.7" (H)

Weight (without/with Cartridge)
Approx. 85 lbs./96 lbs.

Warranty
1 year limited warranty with 1 year on-site service[4]

Power Consumption
1350W (Max), 1W (Energy Saver Mode)

Replacement Consumable
Canon Cartridge 117 C/M/Y/Bk

Cartridge Type
Single Cartridge System

Cartridge 117
Black: Yields approx. 6,000 pages based on 5% coverage
Cyan: Yields approx. 4,000 pages based on 5% coverage
Magenta: Yields approx. 4,000 pages based on 5% coverage
Yellow: Yields approx. 4,000 pages based on 5% coverage

Duty Cycle
Up to 50,000 pages per month

Ordering Information

MFP and Accessories

imageCLASS® MF8450c	2233B001AA
Cartridge 117 Black (yields approx. 6,000 pages/5% coverage)	2578B001AA
Cartridge 117 Cyan (yields approx. 4,000 pages/5% coverage)	2577B001AA
Cartridge 117 Magenta (yields approx. 4,000 pages/5% coverage)	2576B001AA
Cartridge 117 Yellow (yields approx. 4,000 pages/5% coverage)	2575B001AA
Cassette Feeding Unit-AC1 (500-sheet Cassette Pedestal)	2339B002AA
Cabinet Type-A	3325B001AA
imageCLASS® MF8450c Virtual CarePAK (2 Year On-Site CarePAK)	6521A055AA
imageCLASS® MF8450c Printed CarePAK (2 Year On-Site CarePAK)	6521A062AA

For More Information Visit

www.usa.canon.com/consumer
For the name of the nearest dealer, call:
1-800-OK-CANON

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DUPLEX PRINTER
DIGITAL COPIER
SUPER G3 FAX
COLOR SCANNER
NETWORK CAPABILITIES

Color imageCLASS MF8450c

Color Laser Multifunction Printer

- Print and Copy in full-color and black & white at the same **speed of up to 17 ppm**
- **Duplex Versatility** — two-sided printing, copying, faxing and scanning
- **Superior Color Imaging** — capture finer details when you print or copy with remarkable tone-on-tone clarity where your image will be true to the original
- **Quick First Print** provides first copy time of approximately 16 seconds
- **3.5-inch color panel with Easy-Scroll Wheel**
- Efficient energy saving mode; approximately **1W of energy used**
- **Scan and send documents through E-mail or I-Fax**
- **Built-in Ethernet port** for network printing, PC faxing and scanning
- **Up to 50-sheet DADF** (Duplex Automatic Document Feeder)

Technology, performance, quality, and reliability... everything you expect from Canon imageCLASS®.

Auto Duplex Print | 17 17 Black Color ppm | COPY | FAX 33.6 kbps | Network SCAN 600×600dpi | Ethernet | 3.5" TFT

50 Sheets
Duplex ADF

QUICK 1st PRINT

1.0 W
POWER CONSUMPTION

3.5" (8.8cm) TFT
Color Panel with Easy-Scroll Wheel

Legal-size Platen

SCAN to USB

BACKGROUND REMOVAL

Pure BLACK

The Canon Color imageCLASS® MF8450c Laser Multifunction Printer sets new standards for business photo quality results and speed. Its enhanced performance capabilities allow your small business or work group to compete in today's fast-paced business environment.

Powerful Features

Fast
No more frustration. Color or black & white at the same fast speed of up to 17 pages per minute.

Reliable
The MF8450c is a desktop solution that incorporates many advanced technologies found in other Canon high-end commercial copiers.

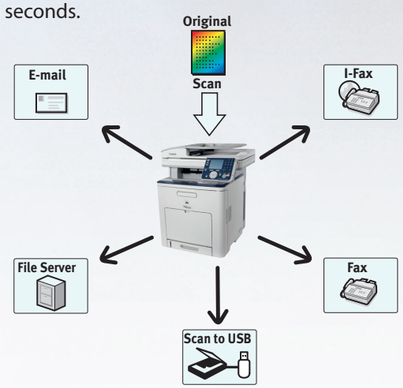
Efficient
Reduce your power consumption with the Efficient Energy Saving Mode, approximately 1 watt of energy used. Saving you money while maintaining our environment.

Projects on the Go

Quick First Print
Provides first copy time of approximately 16 seconds.

Duplex
The Auto-Duplex function with built-in two-sided printing, copying, faxing, and scanning reduces paper costs and increases productivity.

Multiple Originals
Reduce multiple originals or two-sided originals to fit onto one sheet of paper.



Network Solution
Increase productivity with the built-in Ethernet port for networking. Share color printing, faxing, and color scanning directly from a PC.

Send/Lite
Easily scan paper documents and send them to a recipient through E-mail, I-Fax, Fax, or File Server, bringing your work environment increased efficiency in the arena of document exchange.

Environmentally Conscious

generation green
People Friendly. Environmentally Conscious Products.

Generation Green is designed to provide business partners, customers and consumers a way to learn about the environmentally-friendly approach Canon takes in designing many of its current and future products.

For more information, visit our web site at cusa.canon.com/green

SINGLE CARTRIDGE SYSTEM

Single Cartridge System
The Single Cartridge System combines the toner, drum, and development unit in an easy to install cartridge that when replaced, helps rejuvenate the entire imaging system to ensure consistent print quality.

3.5" Color Panel with Easy-Scroll Wheel

Control Panel/ Easy-Scroll Wheel
An innovative 3.5-inch color panel with Easy-Scroll Wheel provides effortless control over all your projects. The control panel consists of a color TFT display for setting various functions through a user-friendly menu.

Scan to USB
With 2 USB ports, you can scan documents directly to your USB drive for easy transport.

2 USB ports

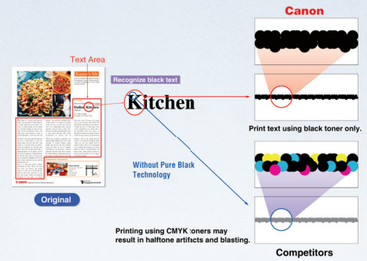
Amazing Imaging Performance

SUPERIOR COLOR IMAGING

Superior Color Imaging
Printing or copying a photo image can be discouraging when the color contrast ends up unlike the original. The MF8450c captures fine details when you print or copy, with remarkable tone-on-tone clarity, helping your image stay true to the original.

Background Removal Tool

Background Removal
Revitalize an old newspaper or document with the new background removal tool. Copy or Scan originals, and the MF8450c will automatically erase the aged or antiqued background, leaving you with the content you want without the look of a discolored document.



Pure Black Technology
Canon Pure Black Technology helps to ensure the richest blacks by utilizing only the black toner in comparison to traditional methods of combining toner colors.

AUTO GRADATION ADJUSTMENT

Auto Gradation Adjustment
The four color Single Cartridge System works congruently to automatically adjust gradient, density, and color to help guarantee quality page after page.