

Canon

imageCLASS

COLOR LASER PRINTERS



LBP646Cdw

High-Volume Color Laser Printer



Wi-Fi

Printer



LBP647Cdw

High-Volume Color Laser Printer



Wi-Fi

Printer

Designed for home office and small office environments, the imageCLASS LBP646Cdw / LBP647Cdw laser printers balance speedy performance and minimal maintenance. They are easy to set up and offer various mobile solutions for printing on the go.

	LBP646Cdw	LBP647Cdw
Printer Language	UFR II	UFR II, PCL, PS
Print Speeds	Up To 26 Pages Per Minute ¹	
Functions	Print	
Connectivity	WiFi ² , USB, Ethernet	
Auto 2-Sided Print	Yes	
High Capacity Paper Trays	250 Sheet Cassette, 1 Sheet Manual Feed Slot	
Canon Genuine Toner	Toner 075: CMY Each: 1,300 / Black: 1,300 Page Yield* Toner 075 H High Capacity: CMY Each: 2,500 / Black: 3,500 Page Yield*	
Control Panel	5-Line B&W LCD Screen	
Printer Size (W x D x H)	16.8" x 16.5" x 10.5"	

*Approximate yields

Everything you need in a color laser printer: usability, reliability and efficiency.



Fast Print Speed

Print up to 26 pages-per-minute with your first print out in approximately 10.3 seconds (letter).¹



Mobile Connectivity

Print using a variety of mobile apps, including the Canon PRINT App using your compatible mobile device.³



Auto 2-Sided Printing

Automatically prints on both sides of the page to help save paper and limit interruptions.



High Volume Printing

Print up to 1,300 pages with CMYK 075 Standard Toners or up to 2,500 pages with CMYK 075 H High Capacity Toner. High capacity toner provides high page yields to help limit replacements and help keep you printing longer.



Paper Capacity Tray Options

Keep printing with a plain paper capacity of up to 250 sheets and a 1-sheet manual feed slot.



PosterArtist Online Version

PosterArtist Online Version⁴ is a poster creation software program designed to be used by all levels of users to help them create professional-quality posters, banners and signage.



Support and Service

Canon U.S.A. takes pride in delivering complete customer satisfaction. Canon's friendly and knowledgeable Customer Service Team provides expert assistance for every level of experience, offering the support, peace of mind, and value your business deserves. These printers come with a one-year limited warranty.⁵



Extended Service Plans Available For Purchase

Canon eCarePAK (Exchange/Carry-In)

Canon extended service plans extend standard one-year limited warranty⁵ support to cover an additional one or two years, depending on the extended service plan you select.

One-Year: 5707B042

Two-Year: 5707B043

Three-Year: 5707B044

Four-Year: 5707B045

GENUINE CONSUMABLES

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



CARTRIDGE	ITEM NO.	YIELD (Approx.)
075 Black	6365C001	1,300 sheets
075 Cyan	6364C001	
075 Magenta	6363C001	
075 Yellow	6362C001	
075 H Black	6369C001	3,500 sheets
075 H Cyan	6368C001	
075 H Magenta	6367C001	
075 H Yellow	6366C001	

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

High capacity toner provides high page yields to help limit replacements and help keep you printing longer.

[▲] Starter 075 Cartridges (CMY: up to 500 / Black: up to 700 yield) are included in box.

Main Unit

Core Functions (Standard)

Print

Item Code

LBP646Cdw: 6929C008

LBP647Cdw: 6929C002

Processor

Canon Custom Processor

Control Panel

5-line BW LCD

Memory

1 GB (Shared)

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/n4, Wi-Fi Direct Connection

Paper Capacity (Letter, 20 lb. Bond)

Standard: 250 sheets

Paper Sources (Letter, 20 lb. Bond)

Standard: 250 sheets Paper Cassette
1 sheet Manual Feed Slot

Paper Output Capacity (Letter, 20 lb. Bond)

Standard: 100 sheets, 16 lb. Bond to 24 lb. Bond
(60 g/m² to 90 g/m²)

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/m²)

Manual Feed Slot: 116 lb. Bond to 53 lb. Bond
(60 to 200 g/m²)

Warm-up Time

From Power On: 13 Seconds or Less

From Sleep Mode: 2 Seconds or Less

Dimensions (W x D x H)

16.8" x 16.5" x 10.5" (431 mm x 419 mm x 287 mm)

Box Dimensions (W x D x H)

19.8" x 13.3" x 20.9" (546 mm x 556 mm x 375 mm)

Weight

Unit: Approx. 27.6 lb. (16.0 kg)

Boxed Weight: Approx. 38.4 lb. (19.0 kg)

Operating System

Windows® 11/Windows Server 2012/Windows Server
2012 R2/Windows Server 2016 /Mac OS X v10.11
(or later)

Print Specifications

Printing Method

Laser Beam Printing

Print Speed¹

Up to 26ppm (Letter)

First-Print-Out Time

Approx. 10.3 Seconds

Recommended Monthly Print Volume (RMPV)

150 to 2,500 Pages Pages

Print Resolution (dpi)

Up to Up to 1200dpi x 1200dpi

Standard Page Description Languages

LBP646Cdw: UFR II

LBP647Cdw: UFR II, PCL® 6, PCL® 5, Adobe® Post-
Script® 3

Double-Sided Printing

Automatic (Standard)

Direct Print

Available from USB Memory (JPEG, TIFF, PDF)

Printing from Mobile and Cloud-based Services³

Canon PRINT App, Apple® AirPrint®, Mopria™ Print
Service

Available Software for Download

Print Drivers

Security Specifications

Authentication

Department ID Authentication

Network

TLS1.3, IPsec, IEEE802.1X Authentication, SNMPv3,
Firewall Functionality (IP/MAC Address Filtering),
Enabling/Disabling (Network Applications, Remote UI,
USB Interface), USB Port separation from LAN

Document

Secure Print

Wi-Fi Authentication Methods

Wi-Fi Infrastructure Mode: 128(104)/64(40) bit WEP,
WPA-PSK (TKIP/AES-CCMP)
WPA2-PSK (TKIP/AES-CCMP)

Wi-Fi Access Point: WPA2-PSK (AES-CCMP)

Environmental Specifications

Operating Environment

Temperature: 50 to 86 °F

Humidity: 20 to 80% RH (no condensation)

Power Requirements

AC110-127V: 4.2A, 60Hz

Power Consumption

Maximum: Approx. 1080 W

Standby: Approx. 6.6 W

Sleep Mode: Approx. 0.6 W

Typical Electricity Consumption (TEC) Rating:
0.21 kWh

Standards

ENERGY STAR Certified, EPEAT® Silver

What's in the Box:

- LBP646Cdw or LBP647Cdw Printer
- Canon Genuine Toner 075 Starter
(CMY: 500 / Black: 700 yield)
- Power Cord
- Documentation

¹ Print and/or copy speed is based on internal testing. Print and/or copy speed may vary depending on the number of copies selected, as well as the settings for size, type, and orientation of paper, and whether two-sided is selected. In addition, first-print speeds may vary based on warm-up time and other restrictions.

² Wireless printing requires a working network with wireless 802.11b/g or 802.11n capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.

³ Canon PRINT app is a free app available on the App Store® and Google Play™ Store. For more information, including compatibility, please visit <https://www.usa.canon.com/mobile-app>. Please see the respective websites for Apple AirPrint and Mopria Print Service for compatibility and additional information.

⁴ PosterArtist Online Version requires a personal computer with Internet access and a compatible Canon printer. The service is not available on some operating systems or browsers. See usa.canon.com/PosterArtist for details.

⁵ Warranty programs are subject to certain conditions and restrictions. See www.usa.canon.com/support for details.

⁶ For latest EPEAT ratings (Gold/Silver/Bronze), please visit www.epeat.net.



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