imageCLASS
LBP312x

Canon
Delighting You Always

HIGH PERFORMANCE
COMPACT FOOTPRINT

43 ppm

FPOT **6.2** sec

Auto Duplex Print

Paper Feeder +3 (Option)

Mobile Printing

The imageCLASS LBP312x exceeds expectations with one of the fastest print engines in Canon's single-function printer lineup. With a blazing print speed of 43ppm (A4), extended paper capacities, and an intuitive 5-line LCD panel built in a compact body, the LBP312x is set to boost office productivity and enhance workflows.

GET MORE WITH AUTO DUPLEX PRINTING

Auto Duplex Print

Built-in auto duplex print allows you to automatically print on both sides of the paper. The double-sided printing capability helps save costs, ensuring your paper supplies last longer, all without compromising on print quality.

BUILT FOR HIGH-CAPACITY PRINTING

Paper Feeder +3 (Option)

On top of a standard 550-sheet cassette and 100-sheet multi-purpose tray, up to 3 optional 550-sheet cassettes can be added to bring the total paper input capacity to a hefty 2,300 sheets, offering the scalability when print volume increases.

Business *Can* be simple

DESIGNED FOR SEAMLESS INTEGRATION

The LBP312x comes with PCL 6 and genuine Adobe® PostScript® 3™ for easy integration with diverse print environment. Canon UFR II print language also optimizes print job processing by utilizing Load Balancing technology, saving on costly memory upgrades.

HIGH YIELD ALL-IN-ONE CARTRIDGE

Enjoy fuss-free and low maintenance operation with the All-in-One Cartridge 041. Aside from the standard toner cartridge capacity, a high yield cartridge of up to 20,000 pages is available as an option for businesses that demand high volume printing, giving you better mileage than a standard cartridge.

BE CONNECTED TO CONVENIENCE

Enjoy print convenience with a wide range of mobile printing solutions such as Canon PRINT Business and Canon Print Service as well as third-party solutions like Google Cloud Print, Apple® AirPrint, and Mopria Print Service.

SCAN TO DISCOVER MORE ABOUT CANON MOBILE SOLUTIONS

EASE OF USE

The 5-line LCD with numeric keys makes navigation intuitive, while the direct USB Print port allows user to print JPEG, TIFF, PDF and XPS file from memory device.

PRINT

Printing Method	Monochrome Laser Beam Printing
Print Speed (A4)	43 ppm
Print Resolution	600 × 600 dpi
Print Quality with Image Refinement Technology	1,200 × 1,200 dpi (equivalent) 2,400 (equivalent) × 600 dpi
Warm-Up Time (From Power On)	30 sec or less
First Print Out Time (FPOT) A4	Approx. 6.2 sec
Recovery Time (From Sleep Mode)	3.0 sec or less
Print Language	UFR II, PCL6, PostScript 3, PDF, XPS
Auto Duplex Printing	Standard
Available Paper Size for Auto Duplex Print (Based on paper weight: 60 - 120g/m²)	A4, Legal(*1), Letter, Foolscap, Indian Legal

PAPER HANDLING

Paper Input (Based on 80g/m²)	Standard Cassette	550 sheets
	Multi-Purpose Tray	100 sheets
	Optional Paper Feeder	550 sheets (x3)
Maximum Paper Capacity		2,300 sheets
Paper Output (Based on 64g/m²)		250 sheets (face down)
Paper Size	Standard Cassette, Optional Paper Feeder	A4, B5, A5, A6, Legal(*1), Letter, Executive, Statement, Foolscap, Indian Legal Custom sizes (Width: 105.0 to 215.9mm, Length: 148.0 to 355.6mm)
	Multi-Purpose Tray	A4, B5, A5, A6, Legal(*1), Letter, Executive, Statement, Foolscap, Indian Legal, Index card (3"x5"), Envelope: COM10, Monarch, DL Custom sizes (Width: 76.2 to 215.9mm, Length: 127.0 to 355.6mm)
Paper Weight	Standard Cassette, Optional Paper Feeder	52 to 120g/m²
	Multi-Purpose Tray	52 to 199g/m²
Paper Type		Plain, Heavy, Label, Bond, Envelope

CONNECTIVITY & SOFTWARE

Standard Interface	Wired	High-Speed USB 2.0, USB Host, 10Base-T/100Base-TX/1000Base-T Ethernet
Network Security	Wired	SNMPv3, IEEE802.1x, IPSec
Mobile Printing Capability		Canon PRINT Business, Canon Print Service, Google Cloud Print™, Apple AirPrint™, Mopria® Print Service

Other Features	Department ID, Secure Print (Optional SD Card is required)
Compatible Operating Systems	Microsoft® Windows® 10 (32, 64-bit), Windows® 8.1 (32, 64-bit), Windows® 8 (32, 64-bit), Windows® 7 (32, 64-bit), Windows® Server 2012 R2 (64-bit), Windows® Server 2012 (64-bit), Windows® Server 2008 R2 (64-bit), Windows® Server 2008 (32, 64-bit), Windows® Server 2003 (32, 64-bit), Windows® Server 2016 (64-bit), Mac OS X(*2) 10.6.~ or later, Linux(*2)

GENERAL

Device Memory		1 GB
Operational Panel		5-line LCD Display + Numeric Keys
Dimensions (W×D×H)		409 x 376 x 275 mm
Weight		Approx. 11.5 kg (without cartridge)
Power Consumption	Maximum	1,310 W or less
	During Operation (Avg.)	Approx. 670 W
	During Standby (Avg.)	Approx. 9.5 W
	During Sleep (Avg.)	Approx. 2.0 W (USB connection) Approx. 1.2 W (Wired LAN connection)
Noise level(*3)	During Operation	Sound Pressure Level: 54.0 dB Sound Power Level: 6.9 B
	During Standby	Sound Pressure Level: Inaudible(*4) Sound Power Level: Inaudible
Operating Environment		Temperature: 10-30°C Humidity: 20-80% RH (no condensation)
Power Requirement		AC 220-240 V (±10%), 50/60 Hz (±2Hz)
Consumables (*5)	Toner (Standard)	Cartridge 041: 10,000 pages (bundled: 7,000 pages)
	Toner (High)	Cartridge 041 H: 20,000 pages
Monthly Duty Cycle(*6)		150,000 pages

OPTIONAL ACCESSORIES

SD Card	SD Card-C1
Paper Feeder	Paper Feeder PF-C1 (550 sheets)
Barcode ROM	Barcode Printing Kit-F1

*1 Legal refers to paper measuring 215.9 x 355.6mm (8.5 x 14 inches).
*2 Drivers for Mac OS or Linux can be downloaded from www.canon-asia.com when available.
*3 Measured in accordance with ISO 7779, declared noise emission in accordance ISO 9296.
*4 "Inaudible" indicates the sound pressure level of each bystander position is below the ISO 7779 absolute criteria for the background noise level.
*5 Declared yield in accordance with ISO/IEC 19752.
*6 Monthly Duty Cycle value provides a means for comparison of product robustness in relation to other Canon laser devices, and does not refer to actual maximum image output per month.

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