HIGH **PERFORMANCE** **COMPACT** FOOTPRINT

imageCLASS LBP312x

CANON MULTIFUNCTION LASER PRINTER



Exceed expectations with one of the fastest print engines in Canon's printer lineup. With a blazing speed of 43 pages per minute*, the LBP312x is set to boost office productivity and enhance workflows.

GET MORE WITH AUTO DUPLEX PRINTING

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 without compromising on print quality.

BUILT FOR HIGH-CAPACITY PRINTING

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

DESIGNED FOR SEAMLESS INTEGRATION

The LBP312x comes with PCL 6 and genuine Adobe® PostScript® 3™ for easy integration with diverse print environment. Canon Ultra-Fast-Rendering print language optimises print job processing so you print faster whilst, saving on costly memory upgrades.

HIGH YIELD ALL-IN-ONE CARTRIDGE

Enjoy fuss-free and low maintenance operation with the All-in-One Cartridge. 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, this all-in-one cartridge gives you better uptime than a standard cartridge.

MOBILE PRINT 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.

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 files from portable USB memory devices.

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Small footprint, high-productivity printer.

Print Specifications

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 Multi-Purpose Tray Optional Paper Feeder	550 sheets 100 sheets 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)		Max 150,000 pages or five years which ever is earliest

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 with 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.
* Refer to service manual for speed specifications

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