

imageCLASS  
LBP458x  
LBP456w

**Canon**  
Delighting You Always



A class  
of **Excellence**

# Highly Efficient Monochrome A3 Laser Printing with Expansive Paper Capacity

Take your business efficiency up a notch with the new Canon imageCLASS LBP450 series printers. Equipped with high print speed, robust print security, expandable paper capacity and versatile connectivity, they are ideal for businesses and enterprise environments.

**UP TO**  
**43** PPM  
(A4)  
**FAST PRINT**  
**SPEED\***

**QUICK**  
**6.3** SEC  
**FIRST PRINT**  
**OUT TIME**

  
**WIRELESS**  
**CONNECTIVITY**

**+3**  
**PAPER FEEDER**  
**(OPTION)**

MONO  
**UP TO 11,000**  
**PAGES**  
**CARTRIDGE YIELD**

\*Applicable to LBP458x.



## EXPANDABLE PAPER CAPACITY

Designed to meet your growing business needs with an expandable paper capacity of up to 2,000 sheets. Suitable for handling large volume print jobs and minimizing the frequency of replenishing paper.



## MULTIPLE PRINT ENVIRONMENT SUPPORT\*

In addition to Canon's proprietary UFR II print language, industry standard PCL6 and Adobe® PostScript® 3™ print languages are supported to ensure seamless integration with a wide range of business applications.

\*Applicable to LBP458x.



## SECURE & SEAMLESS CONNECTIVITY

With Dual Network, you can now share the printer across two different networks simultaneously. This enables administrators to perform network segmentation without compromising on security.



## ENHANCED DATA PROTECTION

TLS 1.3 encrypts and protects data from sniffing, spoofing and tampering, while the system's integrity can be monitored during startup.

IMAGING **POSSIBILITIES & BEYOND**

## SPECIFICATIONS

PRINT		LBP458x	LBP456w
Printing Method		Monochrome Laser Beam Printing	
Print Speed	A4/Letter	43 ppm	30 ppm
	2-Sided	43 ppm (A4) or 21.5 sheets per minute	-
	A3	22 ppm	15 ppm
Print Resolution		600 x 600 dpi	
Print Quality with Image Refinement Technology		1,200 x 1,200 dpi (equivalent)	
Warm-Up Time (From Power On)		40 sec	
First Print Out Time (FPOT) (Approx.)	A4	6.3 sec	
Recovery Time (From Sleep Mode)		5 sec or less	
Print Language		UFR II, PCL 6, Adobe® PostScript® 3™	UFR II LT
Auto Duplex Print		Yes	-
Print Margins		Top/Bottom/Left/Right: 5 mm Top/Bottom/Left/Right: 10 mm (Envelope)	
Supported File Format for USB Direct Print		JPEG, TIFF, PDF, XPS	-
PAPER HANDLING			
Input Tray Capacity (Plain Paper, 80 g/m <sup>2</sup> )	Standard	Cassette	250 sheets
		Multi-Purpose Tray	100 sheets
	Optional	Paper Feeder	550 sheets (x3)
	Maximum		2,000 sheets (Standard + 3 Paper Feeders)
Output Tray Capacity (Plain Paper, 80 g/m <sup>2</sup> )		250 sheets	
Media Size	Cassette/Paper Feeder	A3, A4, A5, B4, B5, Legal, Letter, Executive, Statement, Foolscap, Custom (min. 85 x 148 mm to max. 297 x 431.8 mm)	
	Multi-Purpose Tray	A3, A4, A5, B4, B5, Legal, Letter, Executive, Statement, Foolscap, Postcard, Envelope (COM10, Monarch, DL, C5), Custom (min. 76.2 x 127 mm to max. 312 x 1,200 mm)	
	2-Sided Printing	A3, A4, A5, B5, Legal, Letter, Executive, Foolscap	-
Media Type		Plain Paper, Recycled Paper, Label, Postcard, Envelope	
Media Weight	Standard Cassette/Paper Feeder	60 – 120 g/m <sup>2</sup>	
	Multi-Purpose Tray	60 – 199 g/m <sup>2</sup>	
	2-Sided Printing	60 – 120 g/m <sup>2</sup>	-
CONNECTIVITY & SOFTWARE			
Standard Interface	Wired	USB 2.0 High Speed, 10Base-T/100Base-TX/1000Base-T	
	Wireless	Wi-Fi 802.11b/g/n (Infrastructure Mode, WPS, Direct Connection)	
Network Protocol	Print	LPD, RAW, WSD-Print (IPv4, IPv6)	
	TCP/IP Application Services	Bonjour (mDNS), HTTP, HTTPS, POP before SMTP (IPv4, IPv6), DHCP, ARP+PING, Auto IP, WINS (IPv4), DHCPv6 (IPv6)	
	Management	SNMPv1, SNMPv3 (IPv4, IPv6)	
Network Security	Wired	IP/Mac Address Filtering, HTTPS, SNMPv3, IEEE802.1X, IPSEC, TLS 1.3, Dual Network Support	
	Wireless	Infrastructure Mode: WEP (64/128 bit), WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), WPA-EAP (AES), WPA2-EAP (AES), IEEE802.1X Access Point Mode: WPA2-PSK (AES)	
Other Features		Department ID, Forced Hold Printing, Secure Print	
Mobile Solutions		Canon PRINT Business, Canon Print Service, Apple® AirPrint®, Mopria® Print Service, Microsoft Universal Print	
Compatible Operating Systems <sup>1</sup>		Windows®, Windows Server®, Mac® OS, Linux, Chrome OS	
Software Included		Printer Driver, Toner Status	
GENERAL			
Device Memory		2 GB	
Display		5-Line LCD	
Power Requirements		AC 220 – 240 V, 50/60 Hz	
Power Consumption (Approx.)	Operation	700 W (max. 1,380 W)	650 W (max. 1,380 W)
	Standby	30 W	
	Sleep	1.2 W	
Operating Environment	Temperature	10 – 30 °C	
	Humidity	20 – 80% RH (no condensation)	
Monthly Duty Cycle <sup>2</sup>		100,000 pages	
Dimensions (W x D x H) (Approx.)		484 x 565 x 297 mm	484 x 458 x 297 mm
Weight <sup>3</sup> (Approx.)		25.5 kg	20.8 kg
Toner Cartridge <sup>4</sup>		Cartridge 062: 11,000 pages (Bundled: 6,400 pages)	
OPTIONAL ACCESSORIES			
Paper Feeder		Paper Feeder PF-H1	
Universal Cassette		Universal Cassette UC-B1 <sup>5</sup>	

<sup>1</sup> The latest drivers for Windows, Windows Server, Mac OS and Linux can be downloaded from the <https://asia.canon/en/support> website when available.

<sup>2</sup> Monthly Duty Cycle value provides a means of comparison for product robustness in relation to other Canon laser printer devices, and does not refer to actual maximum image output per month.

<sup>3</sup> Excluding toner cartridge.

<sup>4</sup> Declared yield is in accordance with ISO/IEC 19752.

<sup>5</sup> The Universal Cassette, UC-B1 is required to enable A5 printing from the optional Paper Feeder, PF-H1.



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### SOUTH AND SOUTHEAST ASIA REGIONAL HEADQUARTERS CANON SINGAPORE PTE. LTD.

1 Fusionopolis Place, #14-10 Galaxis, Singapore 138522  
Tel : 65-6799-8888 | Fax : 65-6799-8882 | <https://asia.canon>

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