A class of *Excellence*

Highly Efficient Monochrome A3 Laser Printing with Expansive Paper Capacity

UP TO 43 Pages/Min (A4)
FAST PRINT SPEED*

QUICK 6.3 s
FIRST PRINT OUT TIME

WIRELESS CONNECTIVITY

+3 PAPER FEEDER (OPTION)

MONO UP TO 11 000 PAGES CARTRIDGE YIELD

*Applicable to LBP458x.

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.

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 pages/min	30 pages/min
	2-Sided		43 pages/min (A4) or 21.5 sheets per minute	-
	A3		22 pages/min	15 pages/min
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 s	
First Print Out Time (FPOT) (Approx.)	A4		6.3 s	
Recovery Time (From Sleep Mode)			5 s 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/m²)	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/m²)			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/m²	
	Multi-Purpose Tray		60 – 199 g/m²	
	2-Sided Printing		60 – 120 g/m²	-
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[1]			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[2]			100 000 pages	
Dimensions (W x D x H) (Approx.)			484 x 565 x 297 mm	484 x 458 x 297 mm
Weight[3] (Approx.)			25.5 kg	20.8 kg
Toner Cartridge[4]			Cartridge 062: 11 000 pages (Bundled: 6 400 pages)	
OPTIONAL ACCESSORIES				
Paper Feeder			Paper Feeder PF-H1	
Universal Cassette			Universal Cassette UC-B1[5]	

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

[2] 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.

[3] Excluding toner cartridge.

[4] Declared yield is in accordance with ISO/IEC 19752.

[5] The Universal Cassette, UC-B1 is required to enable A5 printing from the optional Paper Feeder, PF-H1.

Canon
Delighting You Always

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