

Canon

Delighting You Always

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imageCLASS LBP6680x

Canon

Delighting You Always

THE ULTIMATE MONOCHROME PRINTING SOLUTION



- >> 33ppm
- >> Automatic Duplex
- >> Direct PDF printing from USB
- >> First Printout in 7 secs
- >> 768MB internal memory
- >> Energy Saving
- >> Network Ready
- >> MEAP integration with Canon uniFLOW print accounting solutions

imageCLASS LBP6680x

SETTING THE PACE FOR MONOCHROME EXCELLENCE

Simply packed to the brim with intelligent features, the new Canon imageCLASS LBP6680x tops the charts with speedy auto-duplex monochrome print performance and extreme low power consumption. Out-of-the-box support for PCL, Postscript 3 print languages and true Gigabit Ethernet connectivity enable seamless integration into any existing office setups, while built-in Canon MEAP and uniFLOW compatibility make it easy to track and manage print costs. When it comes to professional monochrome business printing, nothing comes close to the imageCLASS LBP6680x.



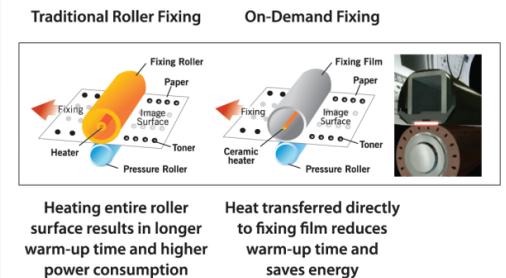
BLAZING PRINT SPEEDS

The LBP6680x churns out crisp monochrome documents with razor sharp text at a fast 33ppm (A4), aided by a swift First Printout Time of just 7 seconds.

QUICK TO GO

Gone are the long waiting times associated with high-powered laser printing devices. Thanks to Canon's unique On-Demand Fixing technology, the LBP6680x warms up in a brief 10 seconds even after long periods of inactivity. The Canon On-Demand Fixing design transfers heat directly to the heating element, accelerating the warm-up process to give you ultra-quick response times after sending the print job.

Quick
First-
Print



DEALER'S STAMP

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Business *can* be simple

imageCLASS
LBP6680x



HIGH-RESOLUTION QUALITY

With high print resolution of up to 1200 x 1200 dpi, or 2400 x 600dpi equivalent, monochrome documents are produced with sharp black text and images show enhanced gradation..

AUTOMATIC DUPLEX PRINT

Automatic two-sided printing allows the LBP6680x to perform high-volume print jobs while minimizing paper usage. Multiple layout options add on to even greater savings.



Auto Duplex Print

EASE OF OPERATION

The large, backlit 5-line LCD display features an intuitive menu. Paper jams and toner replacement instructions are clearly animated, while long file-names are displayed clearly with automatic character-scrolling.



5 line

UFR II, PCL & POSTSCRIPT

Canon UFR II print language utilizes Load Balancing Technology to speed up print job processing, thus reducing reliance on costly device memory upgrades. Built-in support for PCL5e/PCL6 and Genuine Adobe Postscript 3 languages enable the LBP6680x to integrate into different office setups easily.



PRINT
PS/PCL

HIGH CAPACITY PAPER HANDLING

The LBP6680x is built to handle the high print volume demands of the modern office. A standard 250-sheet cassette, 50-sheet multipurpose tray, with an optional 500-sheet cassette feeder gives the LBP6680x up-to 800-sheets paper input capacity.



+1
Paper Feeder
(Option)

USB MEMORY DIRECT PRINT



The LBP6680x allows direct printing from USB flash memory – without a connected PC. Supported file formats include PDF, TIFF, JPEG, and XPS.

MINIMAL MAINTENANCE

The LBP6680x is virtually maintenance-free, thanks to Canon's All-in-One Toner Cartridge 319 design. The device is also compatible with the high-yield Cartridge 319 II. The Cartridge 319 II offers an even lower cost-per-print, and is suitable for users with higher print volume demands.



COST-SAVING ENERGY EFFICIENCY

Outperforming other printers of its class with low energy consumption of just 1W in Deep Sleep Mode, this energy saving printer is also rated with Energy Star Typical Electricity Consumption (TEC) rating of just 1.3kWh/Week.

DOCUMENT SECURITY & COST CONTROL

Designed to help manage the modern office's document output, Canon's uniFLOW incorporates secure printing functionality, intelligent rules-based print-routing for cost efficiency, and maximum print availability.

With uniFLOW you are able to determine:

- How many users are printing in black and white, or color*
- What proportion of your organization's output is in color*
- Who are accountable for various print jobs



*When monochrome and color devices are managed in the same uniFLOW architecture

BUILT-IN MEAP – COMPATIBLE WITH CANON uniFLOW

Canon Multifunctional Embedded Application Platform, or MEAP, is an application development platform that allows JAVA applications to be embedded within supported devices. The LBP6680x is a next-generation MEAP-enabled single-function printer that integrates seamlessly into the Canon uniFLOW architecture, allowing server-based secure print management and advanced cost-accounting features. The LBP6680x also connects directly to a MiCard (card reader) to enable secure print job release via pre-configured ID security cards.



SECURE PRINT (WITH OPTIONAL CANON SD CARD B-1)

With the addition of the Canon SD Card-B1 accessory, the LBP6680x supports secure network printing without the need for additional server-based software. Printing does not begin until the user is at the device to re-enter the password keyed in before the start of the print job, effectively keeping highly confidential documents out of the hands of unintended recipients. This low-cost serverless secure print solution is ideal for the small or medium-sized office.



Secure Print

GIGABIT ETHERNET CONNECTIVITY

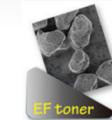
The LBP6680x's advanced networking capability supports data transfer speeds of up to 1000 Mbits/sec, as well as the IEEE 802.1x and IPsec network protocols.



Ethernet

ENERGY-SAVING FINE TONER

Canon EF-Toner has low-melting point and firm-fixing characteristics to enhance the On-Demand Fixing process, resulting in fast recovery time from Standby and lower power consumption.



Print	Printing Method	Black & White Laser Beam Printing			
	Fixing Method	On-Demand Fixing			
	Print Speed	Mono: A4/Letter	33/35ppm		
		Duplex: A4/Letter	16.8/17ppm (8.4/8.5ppm; sheets/min.)		
	Print Resolution	600 x 600dpi 1200 x 1200dpi (equivalent) 2400 (equivalent) x 600dpi			
	First Printout Time (FPOT)	7 secs or less			
	Warm-Up Time (From Power On)	28 secs or less			
Recovery Time (From Sleep Mode)	10 secs or less				
Page Description Language	PCL5e/6, UFR II, PostScript Level 3				
Paper Handling	Paper Input (Based on 64g/m ²)	Standard Cassette	250 sheets		
		Multi-Purpose Tray	50 sheets		
		Optional Paper Feeder PF-44	500 sheets		
		Maximum Paper Capacity	800 sheets		
	Paper Output (Based on 64g/m ²)	Face-Down	150 sheets		
		Face-Up	1 sheet		
	Paper Size	Standard Cassette	A4 / B5 / A5 / A6 / Legal / Letter / Executive / 16K / Custom (Width: 105.0 to 215.9mm x Length: 148.0 to 355.6mm)		
		Optional Paper Feeder PF-44	A4 / B5 / A5 / A6 / Legal / Letter / Executive / 16K / Custom (Width: 105.0 to 215.9mm x Length: 148.0 to 355.6mm)		
		Multi-Purpose Tray	A4 / B5 / A5 / A6 / Legal / Letter / Executive / 16K / Envelope COM-10 / Monarch / DL / C5 / B5 (ISO) / Index Card / Custom (Width: 76.2 to 215.9mm x Length: 127.0 to 355.6mm)		
	Paper Weight	Standard Cassette	60~120g/m ²		
Optional Paper Feeder PF-44		60~120g/m ²			
Multi-Purpose Tray		60~163g/m ²			
Paper Type	Plain Paper, Heavy Paper, Transparency, Label, Index Card, Envelope, Post Card				
Duplex Printing	Standard (Only A4 / Letter / Legal) (Paper Weight: 60-120g/m ²)				
Connectivity and Software	Standard Interface	USB	USB 2.0 High-Speed, USB Host (2 ports)		
		Network	10Base-T / 100Base-TX / 1000Base-T		
		Expansion Interface	SD Card Slot		
	Compatible Operating Systems	Windows 2000 / WindowsXP (32bit / 64bit*) / Windows Server 2003 (32bit / 64bit*) / Windows Vista (32bit / 64bit*) / Windows Server 2008 R2 (64bit*) / Windows Server 2008 (32bit / 64bit*) / Windows 7 (32bit / 64bit*) / Mac OS X 10.4.9-10.6.x** / Linux**, Citrix			
General Specifications	Operation Panel	5 Line LCD			
	Memory (RAM)	768MB			
	Standard Fonts	PCL Fonts: 93 / PostScript Fonts: 136 (Standard)			
	Optional Accessories	Paper Feeder	Canon Paper Feeder PF-44 (500 sheets)		
		Optional ROM	Barcode Printing Kit-FI		
		SD Card	Canon SD Card-B1 (8GB)		
	Noise Level	During Operation	54.2dB or less (Sound Pressure Level) / 7.06B or less (Sound Power Level)		
		During Standby	Inaudible (Sound Pressure Level) / Inaudible (Sound Power Level)		
		Power Consumption	Maximum	1140W or less	
			Operation	Approx. 560W	
	During Standby	Approx. 14W			
		During Sleep	Panel Off: Approx. 14W / Deep Sleep: Approx. 1W		
	Energy Star TEC (Typical Electricity Consumption)	1.3kWh/W			
Dimensions (WxDxH)	400 x 376 x 289mm (With Panel) / 400 x 376 x 259mm (Without Panel)				
Weight	Approx. 11.6kg (Without Cartridge)				
Power Requirement	AC 220-240V, 50/60Hz				
Operating Environment	Temperature: 10~30°C / Humidity: 20~80%RH (No Condensation)				
Toner Cartridge*4	Cartridge 319: 2,100 pages Cartridge 319 II: 6,400 pages*5				
Monthly Duty Cycle ¹	Up to 50,000 pages				

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LBP6680x

SPECIFICATIONS

*1 Drivers for 64-bit OS can be downloaded from www.canon-asia.com when available

*2 Drivers for Mac OS can be downloaded from www.canon-asia.com when available

*3 Linux drivers can be downloaded from www.canon-asia.com when available

*4 Declared yield in accordance with ISO/IEC 19752

*5 The LBP6680x is bundled with Cartridge 319, and is also compatible with Cartridge 319 II. Cartridge 319 II is suitable for users with higher print volume demands

† 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

†† This device complies with the EU RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment) directive by eliminating hazardous substances such as mercury, cadmium, lead, and hexavalent chromium.