imageCLASS
LBP7680Cx

Canon
Delighting You Always

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YOUR TOTAL
PRINTING SOLUTION

Fast Print Speed
20/20ppm (A4; Mono / Color)
8 sec Recovery Time

Optimal Productivity
Maximum 550-sheet paper capacity

User-friendly
5-line LCD display for easy
menu navigation

Enhanced Connectivity
Gigabit Ethernet

Energy-Efficient
Low energy consumption of 1W in
sleep mode

imageCLASS LBP7680Cx –
THE TRUE COLORS OF PROFESSIONALISM

The new Canon imageCLASS LBP7680Cx outperforms other printers of its class to give you an edge in productivity, integrating seamlessly into your existing office setup with support for PCL and Postscript 3, true gigabit Ethernet connectivity. And with built-in Canon MEAP (Multifunctional Embedded Application Platform) and Canon uniFLOW compatibility, the imageCLASS LBP7680Cx is perfectly placed to harness Canon's range of secure printing and cost accounting solutions. When it comes to managing printing costs or delivering precise color printing, the imageCLASS LBP7680Cx delivers with flying colors.

HIGH-SPEED PRINTING
Document delivery goes full speed at 20ppm (A4) in Color and Monochrome, with responsive Quick First Print in just 16 seconds.

HIGH-QUALITY PRINT RESOLUTION
Text and images look sharp with maximum print resolution of 9600 (equivalent) x 600dpi.

AUTO
DUPLEX PRINTING   Auto Duplex Print
Automatic double-sided printing with multiple layout options add to paper savings.

USER-FRIENDLY
OPERATION   LCD 5 line
The large, backlit 5-line LCD display, featuring an intuitive menu and troubleshooting with animated illustrations makes operation a breeze.

UFR II, PCL
& POSTSCRIPT   UFR
Canon UFR II technology features Load Balancing Technology to speed up print job processing, reducing reliance on expensive device memory upgrades. Standard PCL5c/PCL6 and Geninue Adobe Postscript 3 support increase adaptability to different office environments.

QUICK WARM-UP TIME

Canon's proprietary On-Demand Fixing Technology transfers heat directly to the heating element, reducing warm-up time to the bare minimum.

Traditional Roller Fixing

Fixing Roller
Paper
Fixing
Image Surface
Heater
Toner
Pressure Roller

Heating entire roller surface results in longer warm-up time and higher power consumption

On-Demand Fixing

Fixing Film
Paper
Fixing
Image Surface
Ceramic heater
Toner
Pressure Roller

Heat transferred directly to fixing film reduces warm-up time and saves energy

FLEXIBLE PAPER HANDLING UP TO 550 SHEETS

+1 Paper Feeder (Option)

The imageCLASS LBP 7680Cx offers a range of paper handling features – a 250-sheet cassette, a 50-sheet multipurpose tray and an optional 250-sheet cassette.
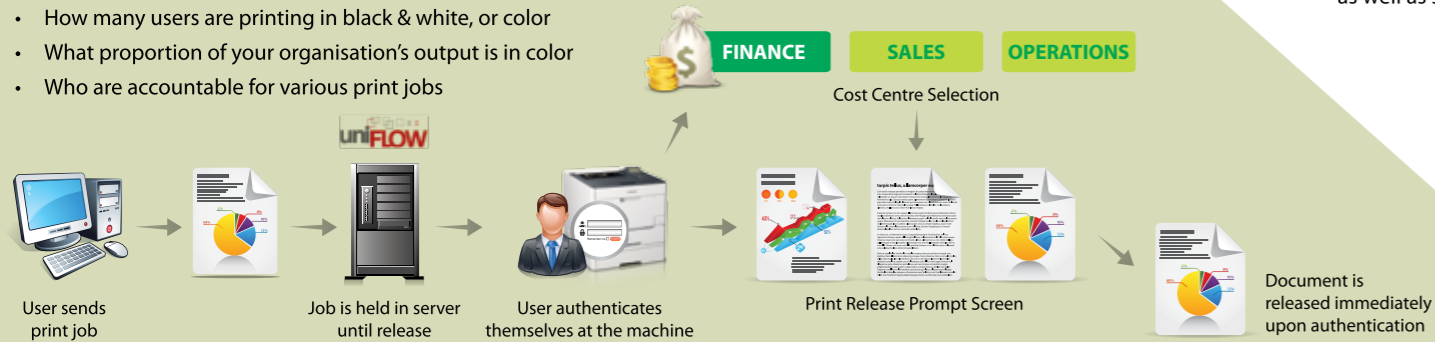
DOCUMENT SECURITY & COST CONTROL

Canon's uniFLOW is designed to help manage your office's document output, incorporating secure print printing functionality and intelligent rules-based print-routing for cost-efficiency and maximum print availability.

With uniFLOW, you can find out:
- How many users are printing in black & white, or color
- What proportion of your organisation's output is in color
- Who are accountable for various print jobs

FINANCE   SALES   OPERATIONS

Cost Centre Selection

User sends print job → Job is held in server until release → User authenticates themselves at the machine → Print Release Prompt Screen → Document is released immediately upon authentication

BUILT-IN MEAP – COMPATIBLE WITH Canon uniFLOW

Canon MEAP (Multifunctional Embedded Application Platform) is an application development platform that allows JAVA applications to be embedded within supported devices. The imageCLASS LBP7680Cx is the first-ever MEAP-enabled Canon single-function printer that also integrates seamlessly into the Canon uniFLOW architecture, allowing server-based secure print management and advanced cost-accounting features. The imageCLASS LBP7680Cx also connects directly to a MiCard (card reader) to enable secure print job release via pre-configured ID security cards.
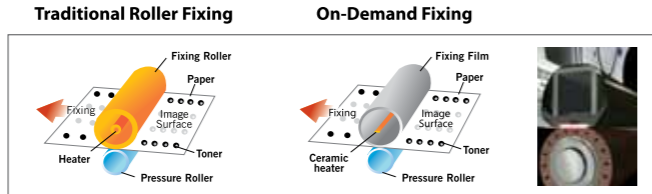
GIGABIT ETHERNET CONNECTIVITY

The imageCLASS LBP7680Cx's advanced networking capability supports data transfer speeds of up-to 1000Mbits/sec, as well as the iEEE 802.1x and IPSec network protocols.

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

The imageCLASS LBP7680Cx also supports Secure Print with the addition of the Canon SD Card-B1 accessory. Printing will not begin until the user arrives at the device to key in the password entered before the start of the print job, protecting highly-confidential information from accidental views.

USB DIRECT PRINT

Enjoy direct printing from USB storage media. TIFF, JPEG, PDF as well as support for the XPS file formats are supported.

TIFF JPEG PDF XPS

Select Job
☑ 11/06 11:48 | Microsoft | Kanasu
☐ 11/06 11:38 | Microsoft | 02475
☐ 11/06 11:28 | Microsoft | 03065
Print   Delete

MINIMAL MAINTENANCE

Cartridge 318 GENUINE

The imageCLASS LBP7680Cx is virtually maintenance-free, thanks to Canon's All-in-One Toner Cartridge 318.
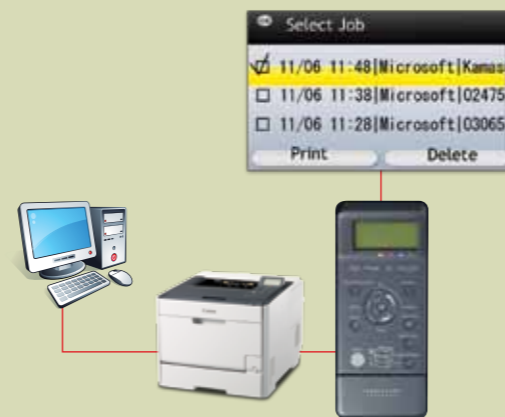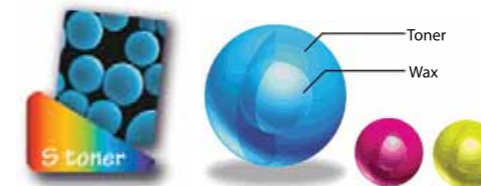
COST-SAVING ENERGY EFFICIENCY

Certified Energy Star Compliant, the imageCLASS LBP7680Cx features power consumption of 1.0W in Deep Sleep mode, making it one of the most energy-efficient printers in its class.

QUALITY TONER ENGINEERING

Canon S-Toner produces vivid, accurate color for truly impressive documents and images. The polymerized toner particles have a wax core and are spherical in shape and uniform in size. This facilitates a smoother transfer from the fixing roller, ensuring exceptional detail and consistently high-quality color output.

Toner
Wax

imageCLASS LBP7680Cx

MODEL		
Printing Method		Color Laser Beam Printing
Fixing Method		On-Demand Fixing
First Printout Time (FPOT)		16 secs (Mono / Color)
Print Speed	Mono: A4 / Letter	20/21ppm
	Color: A4 / Letter	20/21ppm
	Duplex: A4 / Letter	10/10spm (sheets per min)
Resolution		600 x 600dpi
		9600dpi (equivalent) x 600dpi
Warm-Up Time (From Power On)		29 secs or less
Recovery Time (From Sleep Mode)		0 secs (Panel Off Mode)
		Approx. 8 secs (Printer Sleep Mode)
		Approx. 9 secs (Deep Sleep Mode)
Paper Input (Based on 80g/m²)	Multi-purpose Tray	50 sheets
	Standard Cassette	250 sheets
	Optional Cassette PF-701	250 sheets
	Maximum Paper Capacity	550 sheets
Paper Output (Based on 80g/m²)	Face-down	125 sheets
Paper Size	Multi-purpose Tray	A4 / B5 / A5 / Letter / Legal / Executive / Foolscap / Statement / Envelope C5 / Envelope Monarch / Envelope B5 / Index card / Custom (width 76.2~215.9mm x length 127.0~355.6mm)
	Standard Cassette	A4 / B5 / A5 / Letter / Legal / Executive / Foolscap / Statement / Envelope COM-10 / Envelope C5 / Envelope DL / Envelope B5 / Custom (width 100.0~215.9mm x length 148.0~355.6mm)
	Optional Cassette PF-701	A4 / B5 / A5 / Letter / Legal / Executive / Foolscap / Statement / Envelope COM-10 / Envelope C5 / Envelope DL / Envelope B5 / Custom (width 100.0~215.9mm x length 148.0~355.6mm)
Paper Weight	Multi-purpose Tray	60~176g/m² (Coated Paper: ~220g/m²)
	Standard Cassette	60~163g/m² (Coated Paper: ~220g/m²)
	Optional Cassette PF-701	60~163g/m² (Coated Paper: ~220g/m²)
Paper Type		Plain Paper / Heavy Paper / Coated Paper / Transparency / Label / Envelope
Print Margins		5mm-top, bottom, left and right (Envelope: 10 mm)
Duplex Printing		Standard
Memory		768MB (Maximum)
Page Description Language		UFR II, PCLSc, PCL6, Postscript3
Standard Font		93 Scalable, 10 Bitmap Fonts
		136 PS fonts
Optional Accessories	Barcode Printing	32MB (Bar DIMM) Barcode Printing Kit-F1
	SD Card	8GB Canon SD Card B-1
	Paper Feeder	Canon Paper Feeder PF-701
Interface	USB	USB 2.0 High-Speed / USB Host
	Network	10Base-T / 100Base-TX / 1000Base-T
Compatible Operating Systems		Windows 2000 / WindowsXP (32bit / 64bit[*1] / Windows Server 2003 (32bit / 64bit[*1]) / Windows Vista (32bit / 64bit[*1]) / Windows Server 2008 R2 (64bit[*1]) / Windows Server 2008 (32bit / 64bit[*1]) / Windows 7 (32bit / 64bit[*1])
		Mac OS 10.4.9 ~ 10.6.x[*2] Linux[*3], Citrix
Operation Panel		5 line LCD
Noise Level	During Operation	6.7B or less (declared A-weighted sound power level)
		52dB (declared A-weighted sound pressure level; bystander position)
	During Standby	4.3B or less (declared A-weighted sound power level)
		24dB (declared A-weighted sound pressure level; bystander position)
Power Consumption	Maximum	950W or less
	Operation	Approx. 405W
	During Standby	Approx. 23W
	During Sleep	Panel Off Mode (Sleep Mode 1) : Approx. 23W
		Printer Sleep Mode (Sleep Mode 2) : Approx. 7.5W
		Deep Sleep Mode (Sleep Mode 3) : Approx. 1W
TEC (Typical Electricity Consumption)		0.9 kWh/W
Dimensions (W × D × H)		414 x 499 x 346mm
Weight		Approx. 22.4 kg (Without Cartridge)
Power Requirement		220 - 240V / 50, 60Hz (±2Hz)
Operating Environment		Temperature: 10 ~ 30°C
		Humidity: 20 ~ 80% RH (no condensation)
CPU		Canon Custom Processor (528MHz + 264MHz)
Toner Cartridge		Cartridge 318 Black: 3,400 pages[*4] (Bundled cartridge: 1,200 pages[*4])
		Cartridge 318 Cyan/Magenta /Yellow: 2,900 pages[*4]
		(Bundled cartridge: 1,400 pages[*4])
		Cartridge 318 Black VP (Value Pack): 6,800 pages[*4]
Monthly Duty Cycle†		Up to 40,000 pages