

Wirth Consulting

B2B Digital Imaging Product Evaluation

Tuesday, October 06, 2009 11:13:07 AM

WYSK

"What You Should Know"

Make	Brother	Model	DCP-8085DN/DCP-8080DN
Functions	Print/Copy/Scan	Imaging Technology	Laser
Classification	B/W Duplex MFPs Under \$500		

Well Worth Consideration!

Brother's DPC-8085DN/DCP-8080DN are essentially the same except that: the DPC-8085DN (\$399) incorporates a duplexing automatic document feeder, while the DPC-8080DN (\$349.99) doesn't provide a duplexing automatic document feeder. Specifications below are for the DPC-8085DN. Scan features include software for both Microsoft Windows and Apple Macintosh for managing and organizing scanned documents, and creating secure Adobe PDFs out of scanned files. Note that fax is not provided.



Specifications

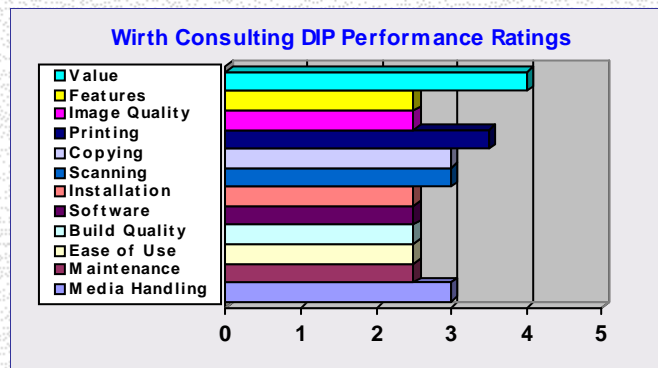
Monthly Duty Cycle	30,000	Max Media Width (inches)	8.5	215.90	mm	Price	\$399.00	€285.84
BW/Color Print Speed (PPM)	32	Max Media Length (inches)	14.0	355.60	mm	Duplex		
Max. Print Resolution (DPI)	1200x1200	Max Media Wt. (bond, lbs.)	43.0	145.13	gsm	Print		
Standard Memory (MB)	64.00	Height (inches)	18.70	474.98	mm	Network		
Std Media Capacity (sheets)	300	Width (inches)	20.90	530.86	mm	Scan		
Max Media Capacity (sheets)	550	Depth (inches)	17.70	449.58	mm	Doc Feeder		
Power Consumption (watts)	680	Weight (pounds)	39.90	18.10	kg	Full System	\$399.00	€285.84

Feature Checklist

Value Add	Print	Scan	Copy
USB Convenience Port <input checked="" type="checkbox"/>	Duplex Printing <input checked="" type="checkbox"/>	Color Scanning <input checked="" type="checkbox"/>	Duplex Document Feeder <input checked="" type="checkbox"/>
Scanner <input checked="" type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input checked="" type="checkbox"/>	Ease of Use
Walk-Up Fax <input type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	Software	Graphic Display <input type="checkbox"/>
LAN Fax <input type="checkbox"/>	Apple Mac <input checked="" type="checkbox"/>	Desktop Software <input checked="" type="checkbox"/>	Touch Screen <input type="checkbox"/>
Image Quality	Linux <input type="checkbox"/>	Web Utilities <input checked="" type="checkbox"/>	Navigation Keys <input checked="" type="checkbox"/>
BW Office IQ <input checked="" type="checkbox"/>	GDI Printing <input type="checkbox"/>	Media Handling	Maintenance
Color Office IQ <input type="checkbox"/>	PCL <input checked="" type="checkbox"/>	Feeds Index Stock <input type="checkbox"/>	All-in-One Toner Cartridge <input type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input checked="" type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	Finishing
Photographic IQ <input type="checkbox"/>	Adobe PostScript <input type="checkbox"/>	Holds Full Ream of Media <input type="checkbox"/>	Finishing <input type="checkbox"/>

Wirth Consulting Ratings* *On a scale of 0-5, with 5 being the best

Value	4.0
Features	2.5
Image Quality	2.5
Printing	3.5
Copying	3.0
Scanning	3.0



2.5	Installation
2.5	Software
2.5	Build Quality
2.5	Ease of Use
2.5	Maintenance
3.0	Media Handling

Ratings Scoreboard* *Highest possible scores: Overall, 60; Copier, 45; Printer, 50; Scanner, 40; Usability, 25

Overall Score	34.0	Copier Score	25.0	Printer Score	28.0	Scanner Score	22.0	Usability Score	12.5
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Make **Brother**

Model **DCP-8085DN/DCP-8080** Classification **B/W Duplex MFPs Under \$500**

Consumables Pricing and Yields* *All supply yields are based on an original area coverage of 5% per color

Black Ink/Toner Price	\$119.99	Magenta Ink/Toner Yield (pages)		Maintenance Kit Price	
Black Ink/Toner Yield	8,000	Yellow Ink/Toner Price		Maintenance Kit Yield	
Cyan Ink/Toner Price		Yellow Ink/Toner Yield		Other Type	Drum unit
Cyan Ink/Toner Yield		Multicolor Ink Price		Other Price	\$149.99
Magenta Ink/Toner Price		Multicolor Ink Yield		Other Yield	25,000
Black Consumables Cost per Page		\$0.0210	Color Consumables Cost per Page		

Total Cost Per Page*

Total Cost of Ownership**

*Cost Per Page and **Total Cost of Ownership include the purchase price depreciated over a five-year period. ***Mixed=Based on print usage of 66% Black and 33% Color

Monthly Volume	Black CPP	Color CPP	Monthly Volume	Black TCO	Color TCO	***Mixed TCO
50 pages	\$0.154		50 pages	\$462.00		
100 pages	\$0.087		100 pages	\$524.99		
250 pages	\$0.048		250 pages	\$713.98		
500 pages	\$0.034		500 pages	\$1,028.95		
1,000 pages	\$0.028		1,000 pages	\$1,658.90		
2,000 pages	\$0.024		2,000 pages	\$2,918.80		
3,000 pages	\$0.023		3,000 pages	\$4,178.70		
4,000 pages	\$0.023		4,000 pages	\$5,438.60		
5,000 pages	\$0.022		5,000 pages	\$6,698.51		

Wirth Consulting Commentary

Strengths

- Low consumables' cost per page of 2.1 cents and TCO (Total Cost of Ownership).
- Standard Ethernet network interface.
- Scan to e-mail, image, file, OCR application, network folder and USB memory card; TWAIN scan driver also provided. •PaperPort IISE software for Microsoft Windows for managing scanned documents and for OCR. Presto! PageManager software for Apple Macintosh for managing scanned documents and for OCR.
- Up to 19,200 x 19,200 dpi interpolated color scanning.
- For scan-and-send, create secure Adobe PDFs that can only be read authorized recipients.
- USB convenience port for print from and scan to USB memory devices.
- BRAdmin network management.

Limitations

Wirth Consulting has determined that this device does not have any notable limitations and should provide good functionality.

Notes

- No fax standard or optional.
- Optional 250-sheet paper tray (\$209.99).
- Optional PaperPort Professional vII (\$199.99).

Best Use

For sharing on networks in small and mid-size offices, and in home offices, for network print, copy, and scan, and where fax is not required.