

Wirth Consulting

B2B Digital Imaging Product Evaluation

Friday, September 04, 2009 12:22:09 PM

WYSK

"What You Should Know"

Make	InfoPrint	Model	Color 1826 MFPdn
Functions	Print/Copy/Scan/Fax	Imaging Technology	Laser
Classification	Color MFPs From \$750 To \$1,000		

 Well Worth Consideration!

InfoPrint introduced the Color 1826 MFP in October 2008 as part of its expanded portfolio of workgroup office-imaging devices. The Color 1826dn also represents the company's first entry into the sub-\$999 MFP segment. This "dn" version includes standard automatic duplexing and networking capability.



Specifications

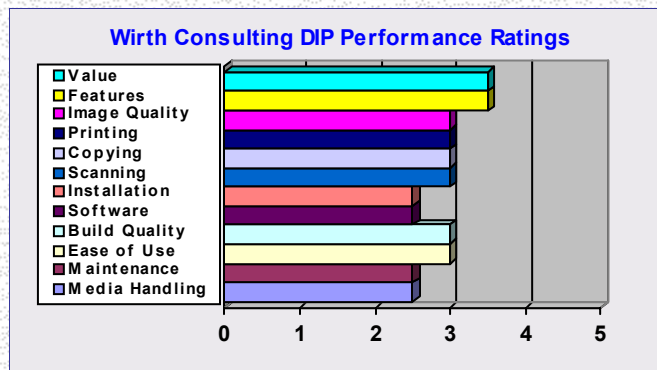
Monthly Duty Cycle	55,000	Max Media Width (inches)	8.5	215.90 mm	Price	\$799.00	€572.40
BW/Color Print Speed (PPM)	25/25	Max Media Length (inches)	14.0	355.60 mm	Duplex		
Max. Print Resolution (DPI)	600x600	Max Media Wt. (bond, lbs.)	47.0	158.63 gsm	Print		
Standard Memory (MB)	128.00	Height (inches)	18.20	462.28 mm	Network		
Std Media Capacity (sheets)	251	Width (inches)	17.30	439.42 mm	Scan		
Max Media Capacity (sheets)	901	Depth (inches)	21.10	535.94 mm	Doc Feeder		
Power Consumption (watts)	NA	Weight (pounds)	60.00	27.22 kg	Full System	\$799.00	€572.40

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"/>	<u>Ease of Use</u>
Walk-Up Fax <input checked="" type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	<u>Software</u>	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"/>
<u>Image Quality</u>	Linux <input checked="" 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"/>	<u>Media Handling</u>	<u>Maintenance</u>
Color Office IQ <input checked="" 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"/>	<u>Finishing</u>
Photographic IQ <input type="checkbox"/>	Adobe PostScript <input type="checkbox"/>	Holds Full Ream of Media <input checked="" type="checkbox"/>	Finishing <input type="checkbox"/>

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

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



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

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

Overall Score	35.0	Copier Score	26.5	Printer Score	29.0	Scanner Score	24.0	Usability Score	13.5
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Model **Color 1826 MFPdn**

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

Black Ink/Toner Price	\$124.00	Magenta Ink/Toner Yield (pages)	4,000	Maintenance Kit Price	\$94.00
Black Ink/Toner Yield	6,000	Yellow Ink/Toner Price	\$121.00	Maintenance Kit Yield	30,000
Cyan Ink/Toner Price	\$121.00	Yellow Ink/Toner Yield	4,000	Other Type	CYMK developers
Cyan Ink/Toner Yield	4,000	Multicolor Ink Price		Other Price	\$172.00
Magenta Ink/Toner Price	\$121.00	Multicolor Ink Yield		Other Yield	120,000
Black Consumables Cost per Page		\$0.0221		Color Consumables Cost per Page	
				\$0.1191	

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	\$0.288	\$0.385	50 pages	\$855.90	\$1,146.95	\$943.39
100 pages	\$0.155	\$0.252	100 pages	\$912.80	\$1,494.90	\$1,095.77
250 pages	\$0.075	\$0.172	250 pages	\$1,083.50	\$2,538.75	\$1,552.90
500 pages	\$0.049	\$0.146	500 pages	\$1,462.00	\$2,585.75	\$1,818.22
1,000 pages	\$0.035	\$0.132	1,000 pages	\$2,125.00	\$7,946.00	\$4,024.68
2,000 pages	\$0.029	\$0.126	2,000 pages	\$3,451.00	\$15,093.00	\$7,258.35
3,000 pages	\$0.027	\$0.124	3,000 pages	\$4,777.00	\$22,240.00	\$10,492.02
4,000 pages	\$0.025	\$0.122	4,000 pages	\$6,103.00	\$29,387.00	\$13,725.69
5,000 pages	\$0.025	\$0.122	5,000 pages	\$7,429.00	\$36,534.00	\$16,959.36

Wirth Consulting Commentary

Strengths

- 500 MHz CPU.
- PictBridge-certified front USB port. Users can also scan to and print from USB memory devices.
- Color fax.
- Color scan to PC, network folder, and e-mail. TWAIN scan driver also included.
- Standard 10Base-T/100Base-TX Ethernet network interface.
- "Eco Mode" reduces paper waste and energy consumption
- Color Savings Tool Set includes color coverage estimator, color balance control and color saver
- LDAP compatibility
- Relatively low total cost of ownership (TCO).

Limitations

- Ships with lower-yield "Starter" CYMK toner cartridges (2,500/2,000,2,000/2,000 pages at 5% area coverage per color).
- Multi-component consumables system, as the device utilizes four toner cartridge (CYMK) and four imaging developers one for each color - CYMK).

Notes

- Optional 650-sheet paper unit (\$212).
- Toner prices are for Return Program Cartridges.
- Optional USB wireless 802.11g and 4-port external 10Base-T/100Base-TX and 10Base-T/100Base-TX/1000Base-T Ethernet network interfaces.

Best Use

Home offices, small offices and workgroups that require an easy-to-use B/W and color office MFP with network print/copy functions on letter- and legal-size media that also supports routine B&W/color scan applications, and who may also require walk-up fax capability.