

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Monday, February 22, 2010 1:53:45 PM

# WYSK

"What You Should Know"



<b>Make</b>	InfoPrint	<b>Model</b>	Color 1826 MFP dn
<b>Functions</b>	Print/Copy/Scan/Fax	<b>Imaging Technology</b>	Laser
<b>Classification</b>	Entry-Level Toner-Based Color MFPs		

The Color 1826 MFP dn incorporates a broad range of office functionality--color network print, color network scan, color copy, walkup fax, automatic duplexing and duplexing automatic document feeder. A version with WiFi wireless connectivity, the 1826 MFP dw, lists at \$899. While the Color 1826 MFP dn has one of the highest list prices in this segment, cost per page is relatively low, so that Total Cost of Ownership is among the lowest. With the highest score in this Head2head Comparison and a comparatively low CPP and TCO, the Color 1826 MFP is awarded Wirth Consulting's Best in Class designation.



### Specifications

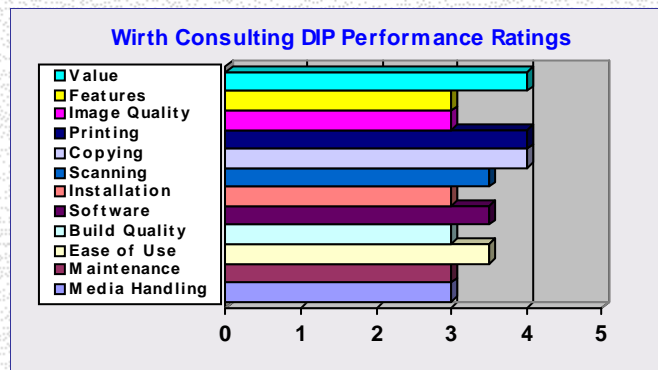
Max Monthly Duty Cycle	55,000	Max Media Width (inches)	8.5	215.90	mm	Price	\$799.00	€572.40
BW/Color Print Speed (PPM)	25/25	Max Media Length (inches)	14.0	355.60	mm	Duplex	\$0.00	€0.00
Max Print Resolution (DPI)	1200x1200	Max Media Wt. (bond, lbs.)	47.0	158.63	gsm	Print	\$0.00	€0.00
Standard Memory (MB)	128.00	Height (inches)	18.20	462.28	mm	Network	\$0.00	€0.00
Std Media Capacity (sheets)	251	Width (inches)	17.30	439.42	mm	Scan	\$0.00	€0.00
Max Media Capacity (sheets)	901	Depth (inches)	21.10	535.94	mm	Doc Feeder	\$0.00	€0.00
Power Consumption (watts)	540	Weight (pounds)	60.00	27.22	kg	Full System	<b>\$799.00</b>	<b>€572.40</b>

### Feature Checklist

<b>Value Add</b>	<b>Print</b>	<b>Scan</b>	<b>Copy</b>
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"/>
PC Fax <input type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input checked="" type="checkbox"/>	<b>Ease of Use</b>
Walk-Up Fax <input checked="" type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	<b>Software</b>	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"/>
<b>Image Quality</b>	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"/>	<b>Media Handling</b>	<b>Maintenance</b>
Color Office IQ <input checked="" type="checkbox"/>	PCL <input checked="" type="checkbox"/>	Feeds 110-lb. 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 checked="" type="checkbox"/>	<b>Finishing</b>
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	3.0
Image Quality	3.0
Printing	4.0
Copying	4.0
Scanning	3.5



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

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

Overall Score	40.5	Copier Score	29.5	Printer Score	33.0	Scanner Score	26.5	Usability Score	16.0
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# Wirth Consulting

## B2B Digital Imaging Product Evaluation

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Make **InfoPrint**

Model **Color 1826 MFP dn**

Classification **Entry-Level Toner-Based Color MFPs**

### 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	\$249.99
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	\$134.99	Other Price	\$179.96
Magenta Ink/Toner Price	\$121.00	Multicolor Ink Yield	30,000	Other Yield	120,000
Black Consumables Cost per Page		<b>\$0.0305</b>		Color Consumables Cost per Page	
				<b>\$0.1296</b>	

### 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	\$0.297	\$0.396	50 pages	\$865.50	\$1,162.75	\$954.94
100 pages	\$0.164	\$0.263	100 pages	\$932.00	\$1,526.50	\$1,118.86
250 pages	\$0.084	\$0.183	250 pages	\$1,131.50	\$2,617.74	\$1,610.64
500 pages	\$0.057	\$0.156	500 pages	\$1,713.98	\$2,742.74	\$2,036.33
1,000 pages	\$0.044	\$0.143	1,000 pages	\$2,628.96	\$8,573.94	\$4,564.51
2,000 pages	\$0.037	\$0.136	2,000 pages	\$4,458.92	\$16,348.88	\$8,338.02
3,000 pages	\$0.035	\$0.134	3,000 pages	\$6,288.88	\$24,123.82	\$12,111.52
4,000 pages	\$0.034	\$0.133	4,000 pages	\$8,118.84	\$31,898.76	\$15,885.03
5,000 pages	\$0.033	\$0.132	5,000 pages	\$9,948.80	\$39,673.70	\$19,658.53

### Wirth Consulting Commentary

#### Strengths

- Relatively low B/W and color cost per page.
- 50-sheet duplexing automatic document feeder, and automatic duplex printing.
- Scan to and print from USB flash drives.
- Color network scan to PC, network folder, e-mail.
- 8.5"x14" flatbed platen (not limited to 8.5"x11.7" as some other systems are); automatic duplexing.
- 320-page fax memory.
- 500 MHz CPU. Extensive support for legacy and alternative applications and operating systems.
- Automatic e-mail alerts for device status and low-supply notification.
- Optional Wireless 802.11g; 10BaseT/100BaseTX Ethernet; 10BaseT/100BaseTX/1000BaseT Ethernet.
- Optional 650-sheet paper capacity (550-sheet paper drawer with 100-sheet bypass tray; \$212).
- Standard 128 MB of memory can be expanded to 640 MB (128/256/512 MB--\$617/\$639/\$767).

#### Limitations

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

#### Notes

- Black and Color Imaging Kit yields 30,00 pages; Black Imaging Kit yields 30,000 pages. Waste toner container (\$9.00) yields 24,00 pages.
- Ships with starter cartridges that yield 2,500 (black)/2,000 (per color) pages.

#### Best Use

The InfoPrint Color 1826 MFP is equipped with a full range of standard office productivity features and is best suited for small and home offices, as well as small workgroups and enterprises, that demand office-level performance from a compact A4 color MFP. A relatively low cost per page coupled with MarkVision printer management capability and extensive support for legacy applications and alternative operating systems makes this model a good choice for small workgroup and enterprise use.