

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Thursday, April 09, 2009 3:55:44 PM

# WYSK

"What You Should Know"

<b>Make</b>	Hewlett-Packard	<b>Model</b>	Color LJ CM4730f MFP
<b>Functions</b>	Print/Copy/Scan/Fax	<b>Imaging Technology</b>	Laser
<b>Classification</b>	Color MFPs From \$5,000 And Up		



Hewlett-Packard's Color LaserJet CM4730f MFP is driven by a 533 MHz CPU and rated at up to 31 ppm in both B&W and color. This A4 color MFP is geared for small/mid-size business, as well as workgroup and enterprise use. HP's Web Jetadmin makes it very easy to manage for enterprise use. While print size is limited to 8.5"x14", note that users can print on up to 120 lb. index stock (60 lb. bond) via the bypass tray). Customers may also add optional Digital Sending software for more advanced scanning capabilities.



## Specifications

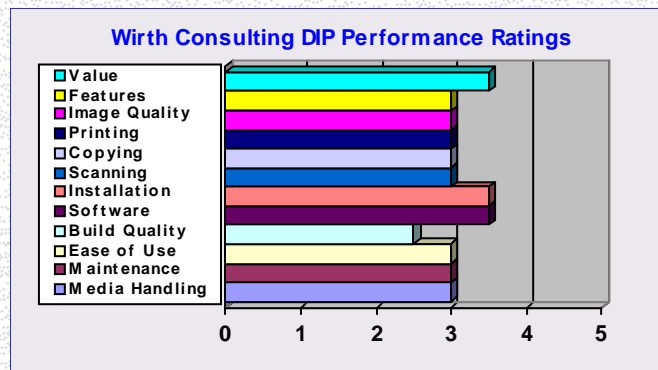
Monthly Duty Cycle	175,000	Max Media Width (inches)	8.5	215.9	mm	Price	\$5,300.00	€3,805.40
BW/Color Print Speed (PPM)	31/31	Max Media Length (inches)	14.0	355.6	mm	Duplex		
Max. Print Resolution (DPI)	600x600	Max Media Wt. (bond, lbs.)	60.0	202.5	gsm	Print		
Standard Memory (MB)	448.00	Height (inches)	45.0	1,143.0	mm	Network		
Std Media Capacity (sheets)	1,600	Width (inches)	31.0	787.4	mm	Scan		
Max Media Capacity (sheets)	1,600	Depth (inches)	25.0	635.0	mm	Doc Feeder		
Power Consumption (watts)	720W	Weight (pounds)	273.0	123.8	kg	Full System	\$5,300.00	€3,805.40

## Feature Checklist

<b>Value Add</b>	<b>Print</b>	<b>Scan</b>	<b>Copy</b>
USB Convenience Port <input 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"/>	<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 checked="" type="checkbox"/>	Apple Mac <input checked="" type="checkbox"/>	Desktop Software <input checked="" type="checkbox"/>	Touch Screen <input checked="" type="checkbox"/>
<b>Image Quality</b>	Linux <input checked="" type="checkbox"/>	Web Utilities <input checked="" type="checkbox"/>	Navigation Keys <input 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 Index Stock <input checked="" type="checkbox"/>	All-in-One Toner Cartridge <input checked="" type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input checked="" type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	<b>Finishing</b>
Photographic IQ <input type="checkbox"/>	Adobe PostScript <input type="checkbox"/>	Holds Full Ream of Media <input checked="" type="checkbox"/>	Finishing <input checked="" type="checkbox"/>

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

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



3.5	Installation
3.5	Software
2.5	Build Quality
3.0	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	37.0	Copier Score	27.5	Printer Score	31.0	Scanner Score	25.0	Usability Score	15.5
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# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Thursday, April 09, 2009 3:55:45 PM

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"What You Should Know"

Make **Hewlett-Packard** Model **Color LJ CM4730f MFP** Classification **Color MFPs From \$5,000 And Up**

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

Black Ink/Toner Price	\$151.99	Magenta Ink/Toner Yield (pages)	12,000	Maintenance Kit Price	\$469.98
Black Ink/Toner Yield	12,000	Yellow Ink/Toner Price	\$328.99	Maintenance Kit Yield	270,000
Cyan Ink/Toner Price	\$328.99	Yellow Ink/Toner Yield	12,000	Other Type	
Cyan Ink/Toner Yield	12,000	Multicolor Ink Price		Other Price	
Magenta Ink/Toner Price	\$328.99	Multicolor Ink Yield		Other Yield	
Black Consumables Cost per Page		<b>\$0.0127</b>		Color Consumables Cost per Page	
				<b>\$0.0984</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	\$1.779	\$1.865	50 pages	\$5,332.78	\$5,589.96	\$5,364.32
100 pages	\$0.896	\$0.982	100 pages	\$5,365.55	\$5,879.92	\$5,481.64
250 pages	\$0.366	\$0.452	250 pages	\$5,463.88	\$6,749.81	\$5,833.60
500 pages	\$0.189	\$0.275	500 pages	\$5,627.76	\$8,199.62	\$6,420.19
1,000 pages	\$0.101	\$0.187	1,000 pages	\$5,955.51	\$11,099.24	\$7,593.39
2,000 pages	\$0.057	\$0.143	2,000 pages	\$6,611.02	\$16,898.48	\$9,939.77
3,000 pages	\$0.042	\$0.128	3,000 pages	\$7,266.53	\$22,697.72	\$12,286.16
4,000 pages	\$0.035	\$0.120	4,000 pages	\$7,922.04	\$28,496.96	\$14,632.54
5,000 pages	\$0.030	\$0.116	5,000 pages	\$9,099.75	\$34,818.40	\$17,495.91

### Wirth Consulting Commentary

#### Strengths

- Low B&W consumables' cost per page of 1.2 cents and overall low B&W Total Cost of Ownership.
- 533 MHz CPU.
- Fast Ethernet network interface.
- Capable Web Jetadmin network management.
- Color-lockout enables administrators to password-protect color copying. With Web Jetadmin, administrators can also designate which users or groups can print in color, as well as in which software applications. Track color usage by user.
- Optional stapler/sorter and optional mailbox for organizing jobs.
- Print on up to 120 lb. index (60 lb. bond) via bypass tray.
- Optional Digital Sending Software adds send-to-secondary e-mail, send-to-folder, send-to-workflow, authentication, digital fax (send-to-LAN, Windows 2000, Internet).

#### Limitations

- Comparatively high color consumables' cost per page and Total Cost of Ownership.

#### Best Use

For B&W text printing and color printing in small/mid-size businesses and workgroups, and in enterprises, and where copy, scan and fax is needed, as well as competitive cost per page and enterprise-level manageability.