

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Thursday, April 09, 2009 1:38:06 PM

# WYSK

"What You Should Know"

<b>Make</b>	Hewlett-Packard	<b>Model</b>	Color LJ CP3525x
<b>Functions</b>	Print	<b>Imaging Technology</b>	Laser
<b>Classification</b> Color Duplex Printers From \$1,000 To \$1,500			



HP introduced the Color LaserJet CP3525 family in October 2008; it will ultimately replace the Color LaserJet CP3505 Series. It features a newly redesigned print engine (upgraded from 22 to 30 ppm), Gigabit Ethernet network interface and HP's Universal Print Driver. The Universal Print Driver works with most networked and direct-connected HP LaserJet and Edgeline printers using PCL 5, PCL 6 or PostScript print drivers. The advantage is administrators need only install/support a single print driver. The printer also features IPsec, which provides encryption of print files between the computer workstation and printer.



### Specifications

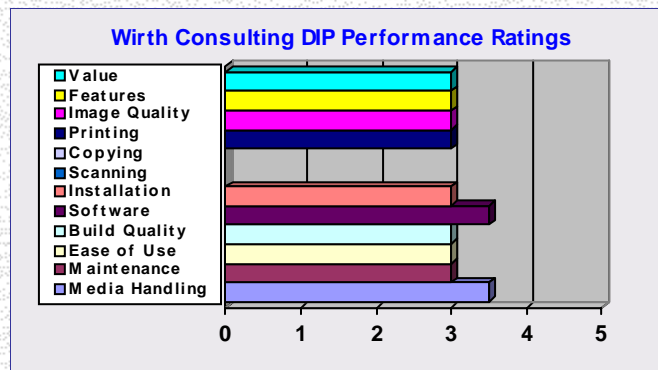
Monthly Duty Cycle	75,000	Max Media Width (inches)	8.5	215.9 mm	Price	\$1,266.99	€909.70
BW/Color Print Speed (PPM)	30/30	Max Media Length (inches)	14.0	355.6 mm	Duplex		
Max. Print Resolution (DPI)	1,200x600	Max Media Wt. (bond, lbs.)	58.0	195.8 gsm	Print		
Standard Memory (MB)	512.00	Height (inches)	20.0	508.0 mm	Network		
Std Media Capacity (sheets)	850	Width (inches)	32.0	812.8 mm	Scan		
Max Media Capacity (sheets)	850	Depth (inches)	30.0	762.0 mm	Doc Feeder		
Power Consumption (watts)	643W	Weight (pounds)	89.0	40.4 kg	Full System	\$1,266.99	€909.70

### 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 type="checkbox"/>	Duplex Document Feeder <input type="checkbox"/>
Scanner <input type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input type="checkbox"/>	<b>Ease of Use</b>
Walk-Up Fax <input type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	<b>Software</b>	Graphic Display <input checked="" 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 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 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 type="checkbox"/>

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

Value	3.0
Features	3.0
Image Quality	3.0
Printing	3.0
Copying	
Scanning	



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

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

Overall Score	31.0	Copier Score		Printer Score	31.0	Scanner Score		Usability Score	15.5
---------------	------	--------------	--	---------------	------	---------------	--	-----------------	------

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Thursday, April 09, 2009 1:38:07 PM

# WYSK

"What You Should Know"

Make **Hewlett-Packard** Model **Color LJ CP3525x** Classification **Color Duplex Printers From \$1,000 To \$1,5**

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

Black Ink/Toner Price	\$192.29	Magenta Ink/Toner Yield (pages)	7,000	Maintenance Kit Price	
Black Ink/Toner Yield	10,500	Yellow Ink/Toner Price	\$264.99	Maintenance Kit Yield	
Cyan Ink/Toner Price	\$264.99	Yellow Ink/Toner Yield	7,000	Other Type	
Cyan Ink/Toner Yield	7,000	Multicolor Ink Price		Other Price	
Magenta Ink/Toner Price	\$264.99	Multicolor Ink Yield		Other Yield	
Black Consumables Cost per Page		<b>\$0.0183</b>		Color Consumables Cost per Page	
				<b>\$0.1319</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	\$0.441	\$0.554	50 pages	\$1,321.93	\$1,662.63	\$1,421.14
100 pages	\$0.229	\$0.343	100 pages	\$1,376.87	\$2,058.27	\$1,587.96
250 pages	\$0.103	\$0.216	250 pages	\$1,541.69	\$3,245.20	\$2,088.43
500 pages	\$0.061	\$0.174	500 pages	\$1,816.39	\$3,245.20	\$2,269.73
1,000 pages	\$0.039	\$0.153	1,000 pages	\$2,365.79	\$9,179.82	\$4,590.76
2,000 pages	\$0.029	\$0.142	2,000 pages	\$3,464.59	\$17,092.65	\$7,927.20
3,000 pages	\$0.025	\$0.139	3,000 pages	\$4,563.39	\$25,005.48	\$11,263.64
4,000 pages	\$0.024	\$0.137	4,000 pages	\$5,662.19	\$32,918.30	\$14,600.09
5,000 pages	\$0.023	\$0.136	5,000 pages	\$6,760.99	\$40,831.13	\$17,936.53

### Wirth Consulting Commentary

#### Strengths

- Relatively low B&W cost per page of 1.8 cents.
- Print on up to 120 lb. index (58-lb. bond) via the bypass tray.
- With Color Access Control, administrators can control color printing with permissions (denying/enabling color printing according to user, application, etc., or simply turn color off).
- Optional hard drive for collation, secure print, etc.
- 10/100/1000BASE-TX Ethernet network interface, optional Gigabit Ethernet, IPv6/IPSec, wireless, etc.
- Very capable Web Jetadmin network management.
- HP SureSupply provides automatic alerts when toner cartridges must be replaced, online re-ordering.
- HP Easy PrinterCare for monitoring and maintaining up to 20 HP networked devices.
- HP's Universal Print Driver, which works with most networked and direct-connected HP LaserJet and Edgeline printers; with it, IT need only support a single print driver.

#### Limitations

- Relatively high color consumables' cost per page of 13.1 cents and relatively high Total Cost of Ownership for color. Note, however, that administrators can control color printing with Color Access Control permissions.

#### Best Use

Small to mid-size businesses and workgroups, as well as enterprises, that require a relatively fast color printer that can produce good image quality and can be efficiently managed. Relatively higher color cost per page makes it suitable for primarily printing in B&W with color printing controlled by Color Access Control.