


©Head2Head Comparison

Make	Ricoh	
Model	Aficio SP C312DN	
Price	\$1,149.00	
Imaging	Laser	
Classification	Color Duplex Printers From \$1,000 To \$1,500	
Resolution (dpi)	2,400x600	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	26/26	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	30,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	14.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	8.50	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input type="checkbox"/>

Just recently introduced by Ricoh in March 2009, the Aficio SP C312DN, which Ricoh is distributing through retail channels, is positioned in the mid-range of Ricoh's Aficio desktop color-printer lineup. Rated print speed is 26 (B&W)/26 (color) ppm and maximum monthly duty cycle is up to 30,000 pages. Of note is that, via its bypass tray, the printer can print on up to 110 lb. index stock and on up to 8.5" wide x 35" long banner sheets. Also of note is a PictBridge interface for directly printing photos captured with PictBridge-compatible digital cameras.

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Make	Ricoh	
Model	Aficio SP C420DN	
Price	\$1,099.00	
Imaging	Laser	
Classification	Color Duplex Printers From \$1,000 To \$1,500	
Resolution (dpi)	600x600	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	31/31	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	150,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	14.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	8.50	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input type="checkbox"/>

The Aficio SP C420DN is situated at the high end in Ricoh's desktop color laser printer family (only the 40-ppm Aficio SP C811DN is faster). This printer features a robust 800 MHz CPU, and of note is a nice range of connectivity options, including optional wireless, Bluetooth wireless, Gigabit Ethernet, etc. Optional direct printing from PictBridge-compatible digital cameras is a useful capability especially in vertical sectors such as insurance, real estate and legal. Standard paper capacity is 550 sheets, but can be expanded to a very substantial 2,300 sheets for longer uninterrupted operation.

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Make	Lexmark International	
Model	C534DN	
Price	\$1,000.00	
Imaging	Laser	
Classification	Color Duplex Printers From \$1,000 To \$1,500	
Resolution (dpi)	1,200x1,200	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	22/21	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	100,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	14.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	8.50	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input checked="" type="checkbox"/>

Priced at \$1,000 and with a low consumables' B&W and color cost per page, the C534DN is an economic choice. Lexmark also includes its Color Care for limiting color printing (and to control color-printing costs). One convenient feature is a numeric keypad in order to make it easier for users to enter their PIN numbers and for network set-up. The printer also supports Lexmark's Universal Print Driver. With Lexmark's Universal Print Driver, users can print to a broad range of Lexmark imaging devices with just a single print driver. This reduces IT support, as IT need only install/support one print driver.

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Make	OKI Printing Solutions	
Model	C6150dtn	
Price	\$1,028.99	
Imaging	LED-array	
Classification	Color Duplex Printers From \$1,000 To \$1,500	
Resolution (dpi)	1,200x600	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	32/26	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	60,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	48.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	8.50	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input checked="" type="checkbox"/>	USB 2.0 Port <input type="checkbox"/>

With its 32 (B&W)/26 (color) ppm rated print speed, the C6150dtn is suitable for mid-range B&W and color printing. At pricing of \$1,028.99, it is priced somewhat lower than the C710dtn (\$1,148.99), but the C710dtn has a larger paper capacity (1,160 sheets versus 930 sheets), and has a higher maximum monthly duty cycle (100,000 versus 60,000 pages). Note that OKI provides a one-year warranty for the printer, and a five-year warranty for its LED print heads.

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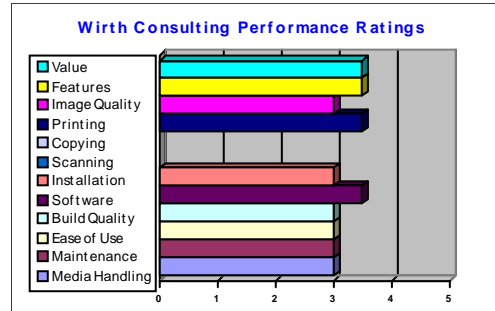
Make	OKI Printing Solutions	
Model	C710dtn	
Price	\$1,148.99	
Imaging	LED-array	
Classification	Color Duplex Printers From \$1,000 To \$1,500	
Resolution (dpi)	1,200x600	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	32/30	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	100,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	48.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	8.50	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input type="checkbox"/>

With its rated print speed of 32 (B&W)/30 (color) ppm, the C710dtn is suitable for mid-range B&W and color office-printing applications. Both B&W and color consumables' cost per page are low, and OKI includes its "Color Access Policy Manager," which enables administrators to control color printing. Via the bypass, users can print on banner sheets up to 8.5" wide x 48" long, as well as print on up to 120 lb. index. Note that OKI provides a one-year warranty for the printer, and a five-year warranty for its LED print heads. The printer is supplied with a 700 MHz Power PC CPU, so except for processing print files.

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Make	Lexmark International	
Model	C780DN	
Price	\$1,148.99	
Imaging	Laser	
Classification	Color Duplex Printers From \$1,000 To \$1,500	
Resolution (dpi)	1,200x1,200	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	33/29	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	120,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	48.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	8.50	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input type="checkbox"/>

Introduced in 2007, the C780DN is rated at up to 33 (B&W)/29 (color) ppm, features an 800 MHz CPU, and has a maximum monthly duty cycle of 120,000 pages. These capabilities make it perfect for most SMB needs. Lexmark also includes its Color Care for limiting color printing (and controlling color-printing costs). The printer also supports Lexmark's Universal Print Driver. With Lexmark's Universal Print Driver, users can print to a broad range of Lexmark imaging devices with just a single print driver. This reduces IT support, as IT need only install/support one print driver.



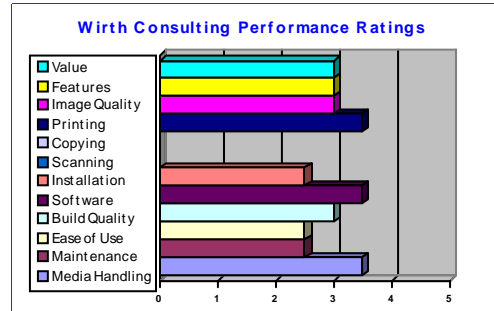
RATINGS SCOREBOARD Total Ratings Score 32.0

Supplies Cost Per Page

Black/Color	\$0.01720	\$0.08401	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,241.31	\$1,642.17	\$1,361.18
500 pages/month	\$1,610.54	\$3,614.87	\$2,255.86
1,000 pages/month	\$2,072.08	\$6,080.74	\$3,374.22
3,000 pages/month	\$4,244.23	\$16,270.23	\$8,170.37
5,000 pages/month	\$6,307.72	\$26,351.05	\$12,858.94

Strengths	Limitations
<ul style="list-style-type: none"> •Low B&W and color consumables' cost per page, and 26/26 ppm, respectively. •PictBridge interface for direct printing of photos captured with PictBridge-compatible digital cameras. •256 MB memory can be expanded to 640 MB memory. •Print on up to 110 lb. index stock and on up to 8.5" wide x 35" long banner sheets via the bypass tray (other paper sources accept up to 8.5" x 14"). •Capable SmartDeviceMonitor for Admin network management. •Ricoh Universal Print Driver is a single print driver that can be used to print to MFP and printers, simplifying print-driver installation and management for administrators. •@Remote management System provides remote device management, for instance, for automated meter reading and for automatically notifying service providers. •10/100BASE-TX Ethernet network interface, optional wireless. 	<ul style="list-style-type: none"> •No software for limiting color printing (such as a B&W-only print driver), but this is not a major limitation, since color consumables' cost per page is low.

Best Use
Small to mid-size businesses and workgroups, as well as enterprise use, for both B&W and color office-printing applications. Low color consumables' cost per page makes it more suitable than some other printers in its class for producing higher volumes of color output.



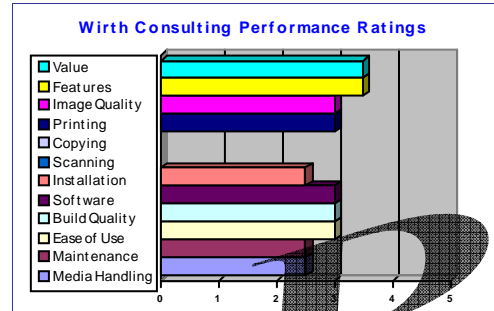
RATINGS SCOREBOARD Total Ratings Score 30.0

Supplies Cost Per Page

Black/Color	\$0.01295	\$0.16018	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,166.89	\$2,050.26	\$1,446.74
500 pages/month	\$1,438.47	\$5,855.28	\$2,881.64
1,000 pages/month	\$1,777.95	\$10,611.56	\$4,675.26
3,000 pages/month	\$3,135.84	\$29,636.69	\$11,849.16
5,000 pages/month	\$4,984.21	\$49,152.28	\$19,509.83

Strengths	Limitations
<ul style="list-style-type: none"> •Low color consumables' cost per page of 1.1 cents. •Adobe PostScript print driver. •Security provisions include SNMPv3 authentication, data encryption, PDF Direct Print password-protection, secure print, 500 users account codes, user authentication, Wi-Fi Protect Access Support. •Print on specialty media such as magnetic paper, slicks, waterproof paper. •Capable SmartDevice for Admin network management. •256 MB can be expanded to 512 MB. •10/100BASE-TX Ethernet interface, optional wireless, Bluetooth wireless, Gigabit Ethernet. •Optional direct printing from PictBridge-compatible digital cameras. 	<ul style="list-style-type: none"> •High color consumables' cost per page at 15 cents, high Total Cost of Ownership for color, and no solution for limiting color printing. •Multi-part imaging system (both toner cartridges and imaging drums must be periodically replaced).

Best Use
Small to mid-size businesses and workgroups, as well as some enterprise use, where a relatively fast color printer that can produce good image quality and can be efficiently managed is required. The relatively high color consumables' cost per page might make it a better fit where it will be predominantly used for B&W printing, with color printing more limited.



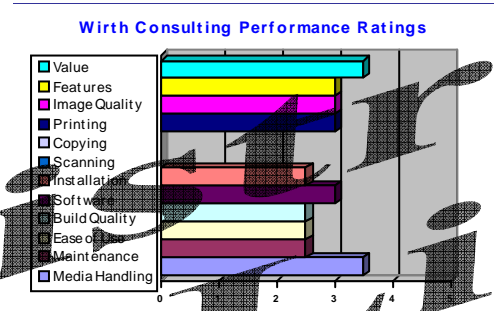
RATINGS SCOREBOARD Total Ratings Score 29.5

Supplies Cost Per Page

Black/Color	\$0.03209	\$0.09938	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,175.34	\$1,519.07	\$1,276.02
500 pages/month	\$1,876.70	\$3,595.35	\$2,425.09
1,000 pages/month	\$2,753.40	\$6,190.71	\$3,860.17
3,000 pages/month	\$6,775.76	\$17,087.70	\$10,110.94
5,000 pages/month	\$10,626.26	\$27,812.83	\$16,191.57

Strengths	Limitations
<ul style="list-style-type: none"> •Low color consumables' cost per page of 3.2 cents respectively. •10/100BASE-TX Ethernet network interface, optional wireless, Gigabit, Fast Ethernet. •USB convenient port for printing from memory cards. •256 MB can be expanded to 768 MB. •Capable MarkVision network management. •Security provisions include SSL, SNMPv3, TCP/IP, 802.1x authentication. •With Color Care, administrators can limit control printing with permissions and B&W-only print driver. •Print to most Lexmark imaging devices with Lexmark's Universal Print Driver. IT need only install/support one print driver. 	<ul style="list-style-type: none"> •Relatively high B&W consumables' cost per page of 3.0 cents. •Multi-part imaging system (both toner cartridges and imaging drums must be periodically replaced).

Best Use
Small to mid-size businesses and workgroups, as well as some enterprise use, for both B&W and color office-printing applications, and where efficient printer management is required. Relatively low color consumables' cost per page makes it more appropriate than some other printers for producing higher volumes of color output. Particularly suitable for enterprises that already have a MarkVision Pro



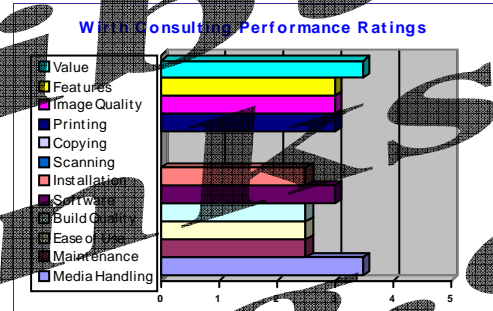
RATINGS SCOREBOARD Total Ratings Score 29.0

Supplies Cost Per Page

Black/Color	\$0.01799	\$0.09347	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,122.08	\$1,574.94	\$1,260.30
500 pages/month	\$1,494.45	\$3,755.74	\$2,226.72
1,000 pages/month	\$1,959.92	\$6,488.49	\$3,434.75
3,000 pages/month	\$4,267.49	\$17,853.22	\$8,708.10
5,000 pages/month	\$6,426.49	\$29,069.37	\$13,834.37

Strengths	Limitations
<ul style="list-style-type: none"> •Low B&W and color consumables' cost per page of 1.5 and 9.1 cents respectively. •Print on banner sheets up to 8.5" wide x 48" long (other paper sources accept up to 8.5" x 14"), as well as on up to 113 lb. index stock via bypass. •Optional hard drive for collation, secure print, saved print files, etc. •256 MB memory can be expanded to 768 MB. •Job-accounting software. •Color Access Policy Manager enables administrators to control color printing; for example, unauthorized color print files can be automatically converted to B&W. 	<ul style="list-style-type: none"> •Multi-part imaging system (both toner cartridges and imaging drums must be periodically replaced).

Best Use
Small to mid-size businesses and workgroups, as well as some enterprise use, for both B&W and color office-printing applications. Low color consumables' cost per page makes it more appropriate than some other printers for producing higher volumes of color output (B&W consumables cost per page is also low).



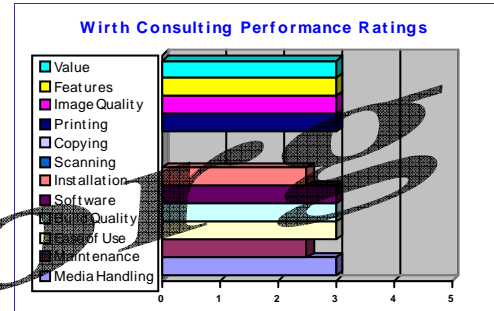
RATINGS SCOREBOARD Total Ratings Score 29.0

Supplies Cost Per Page

Black/Color	\$0.01471	\$0.07240	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,521.70	\$1,867.83	\$1,620.71
500 pages/month	\$1,812.54	\$3,543.18	\$2,365.53
1,000 pages/month	\$2,176.10	\$5,637.36	\$3,296.55
3,000 pages/month	\$4,096.81	\$14,480.61	\$7,482.50
5,000 pages/month	\$5,862.03	\$23,168.36	\$11,514.50

Strengths	Limitations
<ul style="list-style-type: none"> •Low B&W and color consumables' cost per page of 1.2 and 7 cents respectively. •700 MHz PowerPC CPU. •256 MB memory can be expanded to 768 MB. •Print on banner sheets up to 8.5"x48" via bypass (other paper sources accept up to 8.5"x14"). Also print on up to 120 lb. index (58 lb. bond). •Capable PrintSuperVision network management. •Color Access Policy Manager enables administrators to control color printing; for example, unauthorized color print files can be automatically converted into B&W output. •Security provision includes 256-bit encryption of print files to printer; hard-drive erasing, IP and MAC filtering, SNMPv3, SSL/TLS, etc. •Job-accounting software 	<ul style="list-style-type: none"> •Multi-part imaging system (both toner cartridges and imaging drums must be periodically replaced).

Best Use
Small to mid-size businesses and workgroups, as well as some enterprise use, for both B&W and color office-printing applications. Low color consumables' cost per page makes it more appropriate than some other printers for producing higher volumes of color output (B&W consumables cost per page is also low).



RATINGS SCOREBOARD Total Ratings Score 29.0

Supplies Cost Per Page

Black/Color	\$0.02122	\$0.14211	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,254.20	\$1,979.56	\$1,481.03
500 pages/month	\$1,675.04	\$5,301.84	\$2,855.13
1,000 pages/month	\$2,201.09	\$9,454.69	\$4,572.77
3,000 pages/month	\$4,305.29	\$26,066.08	\$11,443.30
5,000 pages/month	\$7,514.47	\$43,782.44	\$19,407.75

Strengths	Limitations
<ul style="list-style-type: none"> •Color Care for limiting color printing with permissions and B&W-only print drivers. •256 MB memory can be expanded to 768 MB. •10/100BASE-TX Ethernet network interface, optional Gigabit Ethernet, wireless, Fast Fibre Ethernet. •Security provisions include SSC, SNMPv3, TCP/IP, 802.1x authentication, IPsec. •Capable MarkVision network management. •Print on banner sheets up to 8.5" wide x 48" long via bypass tray (other paper sources accept up to 8.5"x14"). •Print to most Lexmark imaging devices with Lexmark's Universal Print Driver. IT need only install/support one print driver. 	<ul style="list-style-type: none"> •Relatively high color consumables' cost per page of 13.8 cents.

Best Use
Small to mid-size businesses and workgroups, and some enterprise, for B&W and color office-printing applications. Relatively high color cost per page may make it more suitable for primarily B&W printing, with controlled color printing.

©Head2Head Comparison

Make	InfoPrint Solutions
Model	Color 1634dn Express
Price	\$1,029.99
Imaging	Laser
Classification	Color Duplex Printers From \$1,000 To \$1,500
Resolution (dpi)	1,200x1,200
BW/Color Print Speed (ppm)	24/22
Monthly Duty Cycle (pages)	100,000
Max Media Length (inches)	14.0
Max Media Width	8.50
Walk-Up Fax	<input type="checkbox"/>
Touch Screen	<input type="checkbox"/>
USB 2.0 Port	<input checked="" type="checkbox"/>



The Color 1634dn Express is marked by InfoPrint Solutions, a joint venture between Ricoh and IBM. Although most of InfoPrint's imaging solutions are higher-end, dealer-distributed MFPs, it has a small family of desktop color-laser printers (five in all). At a rated print speed of up to 24 (B&W)/22 color ppm, the Color 1634dn Express is the company's entry-level color printer. Color Care enables administrators to control color-printing costs by limiting color printing by granting user permissions to print in color.

©Head2Head Comparison

Make	InfoPrint Solutions
Model	Color 1754dn Express
Price	\$1,139.99
Imaging	Laser
Classification	Color Duplex Printers From \$1,000 To \$1,500
Resolution (dpi)	1,200x1,200
BW/Color Print Speed (ppm)	33/29
Monthly Duty Cycle (pages)	120,000
Max Media Length (inches)	14.0
Max Media Width	9.00
Walk-Up Fax	<input type="checkbox"/>
Touch Screen	<input type="checkbox"/>
USB 2.0 Port	<input checked="" type="checkbox"/>



With its 800 MHz CPU and 33 (B&W)/29 (color) ppm rated print speeds, the Color 1754dn Express is in the mid-range of InfoPrint Solutions' color laser-printer family. Color Care enables administrators to limit color printing, and thus control color-printing costs, by granting users permissions to print in color.

©Head2Head Comparison

Make	Hewlett-Packard
Model	Color LaserJet CP4005dn
Price	\$1,498.99
Imaging	Laser
Classification	Color Duplex Printers From \$1,000 To \$1,500
Resolution (dpi)	600x600
BW/Color Print Speed (ppm)	35/20
Monthly Duty Cycle (pages)	80,000
Max Media Length (inches)	14.0
Max Media Width	8.50
Walk-Up Fax	<input type="checkbox"/>
Touch Screen	<input type="checkbox"/>
USB 2.0 Port	<input type="checkbox"/>



Introduced in late 2006, the Color LaserJet CP4005dn features a 533 MHz CPU and rated print speed of up to 35 (B&W)/20 (color) ppm. The 35-ppm B&W print speed makes it suitable for environments with more substantial B&W-print applications, and perhaps more occasional color printing. As with several other LaserJets, its display provides guidance in both text and animated-graphic form, the latter of which can make learning how to perform routine tasks easier. Web Jetadmin makes it a natural fit for environments with predominantly HP and Web Jetadmin-compatible networked devices installed.

©Head2Head Comparison

Make	Hewlett-Packard
Model	Color LJ CP3525x
Price	\$1,266.99
Imaging	Laser
Classification	Color Duplex Printers From \$1,000 To \$1,500
Resolution (dpi)	1,200x600
BW/Color Print Speed (ppm)	30/30
Monthly Duty Cycle (pages)	75,000
Max Media Length (inches)	14.0
Max Media Width	8.50
Walk-Up Fax	<input type="checkbox"/>
Touch Screen	<input type="checkbox"/>
USB 2.0 Port	<input type="checkbox"/>



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.

©Head2Head Comparison

Make	Xerox Corporation
Model	Phaser 6360/DN
Price	\$1,299.00
Imaging	Laser
Classification	Color Duplex Printers From \$1,000 To \$1,500
Resolution (dpi)	2,400x600
BW/Color Print Speed (ppm)	42/42
Monthly Duty Cycle (pages)	100,000
Max Media Length (inches)	14.0
Max Media Width	8.50
Walk-Up Fax	<input type="checkbox"/>
Touch Screen	<input type="checkbox"/>
USB 2.0 Port	<input type="checkbox"/>



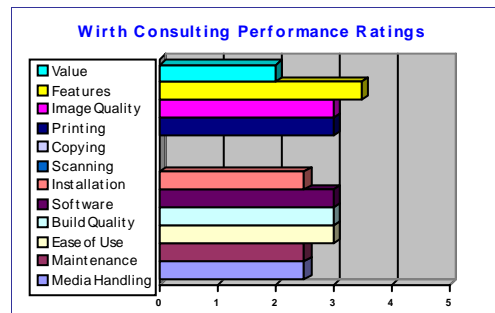
The toner-based (laser) Phaser 6360/DN is driven by a robust 1 GHz CPU and is rated at a fast 42 ppm in both B&W and color, making it suitable for more substantial print volumes in both B&W and color. It also features provisions that make it suitable for graphic-arts applications, including an Adobe PostScript 3 print driver, PANTONE color-matching and other color-matching software. Paper capacity can be expanded to a substantial 2,350 sheets for longer, uninterrupted operation. As with most Xerox imaging devices, expect exceptionally good ease-of-use.

©Head2Head Comparison

Make	Xerox Corporation
Model	Phaser 8560/DT
Price	\$1,398.99
Imaging	Solid-Ink
Classification	Color Duplex Printers From \$1,000 To \$1,500
Resolution (dpi)	2,400
BW/Color Print Speed (ppm)	30/30
Monthly Duty Cycle (pages)	85,000
Max Media Length (inches)	14.0
Max Media Width	8.50
Walk-Up Fax	<input type="checkbox"/>
Touch Screen	<input type="checkbox"/>
USB 2.0 Port	<input type="checkbox"/>



The Phaser 8560/DT uses Xerox's solid-ink technology, incorporating a 600 MHz CPU and features provisions that also make it suitable for graphic-arts applications, including an Adobe PostScript 3 print driver, PANTONE color-matching and other color-matching software. It will also be quite suitable in offices printing B&W text as well as color output. With consulting has found replacing Xerox solid-ink printers' ink (which come in the form of bullet-shaped solid ink) to be exceptionally easy. As with most Xerox imaging devices, expect exceptionally good ease-of-use.



RATINGS SCOREBOARD Total Ratings Score **28.0**

Supplies Cost Per Page

Black/Color	\$0.02844	\$0.15639	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,188.82	\$1,956.54	\$1,430.28
500 pages/month	\$1,824.13	\$5,662.72	\$3,072.62
1,000 pages/month	\$2,618.27	\$10,295.45	\$5,125.55
3,000 pages/month	\$5,794.82	\$28,826.38	\$13,337.29
5,000 pages/month	\$9,561.50	\$47,947.44	\$22,133.25

Strengths

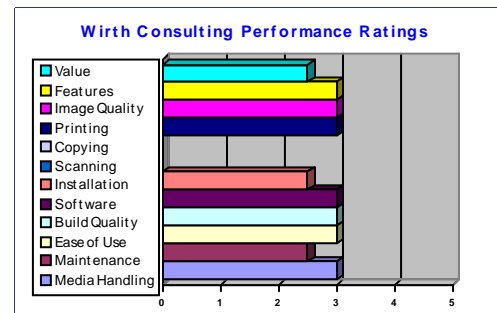
- Capable to Print Network Printer
- Multi-part imaging system (both toner cartridges and imaging drums must be periodically replaced).
- Optional hard drive for collation, secure printing, save print jobs, proof printing.
- 10/100BASE-TX Ethernet, optional 1000BASE-TX Ethernet and wireless.
- Print on up to 120 lb. bond.

Limitations

- High B&W and color consumables' cost per page of 2.6 and 15.4 cents respectively.
- Multi-part imaging system (both toner cartridges and imaging drums must be periodically replaced).

Best Use

Small to mid-size businesses and workgroups that require a desktop color printer for both B&W and color office-printing applications. Relatively high color consumables' cost per page might makes it more appropriate for environments with primarily B&W printing, and perhaps occasional color printing. May be particularly desirable in managed Lexmark environments.



RATINGS SCOREBOARD Total Ratings Score **28.5**

Supplies Cost Per Page

Black/Color	\$0.01953	\$0.14586	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,243.90	\$2,001.99	\$1,481.60
500 pages/month	\$1,659.53	\$5,449.50	\$2,893.63
1,000 pages/month	\$2,179.07	\$9,759.02	\$4,658.66
3,000 pages/month	\$4,257.23	\$26,997.07	\$11,718.41
5,000 pages/month	\$6,998.53	\$44,898.26	\$19,435.45

Strengths

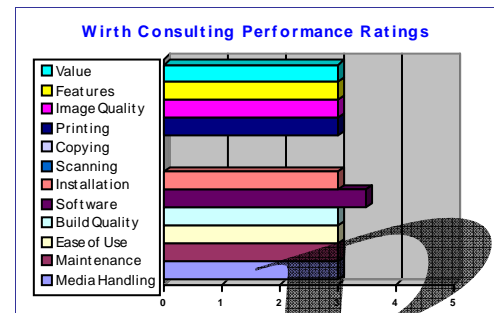
- Color Care enables administrators to limit color printing with permissions and B&W-only print drivers.
- 256 memory can be expanded to 768 MB.
- Optional 40-GB hard drive for collation, secure print, saved print files, proof printing.
- 10/100BASE-TX Ethernet, optional 10/100/1000BASE-TX Ethernet and wireless.
- USB convenience port for printing from InfoPrint Network Management.

Limitations

- Relatively high color consumables' cost per page of 14.3 cents; however, color printing can be controlled with Color Care.

Best Use

Small to mid-size businesses and workgroups, some enterprise use for B&W and color office-printing applications. Relatively high color consumables' cost per page may make it more suitable for environments with primarily B&W printing applications, and perhaps occasional color printing, and may be particularly desirable in managed Lexmark environments.



RATINGS SCOREBOARD Total Ratings Score **30.5**

Supplies Cost Per Page

Black/Color	\$0.02573	\$0.13426	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,642.98	\$2,251.16	\$1,541.44
500 pages/month	\$2,218.95	\$5,474.83	\$3,271.20
1,000 pages/month	\$2,938.91	\$9,450.67	\$5,058.40
3,000 pages/month	\$6,130.74	\$25,666.01	\$12,516.07
5,000 pages/month	\$9,218.57	\$41,777.35	\$19,870.78

Strengths

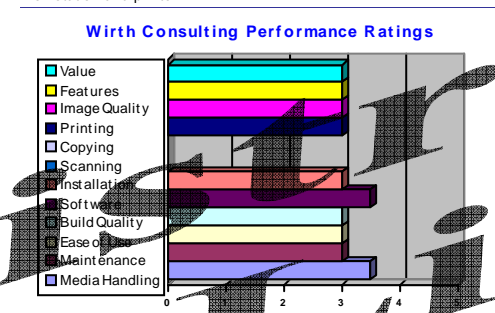
- 10/100BASE-TX Ethernet.
- With Color Access Control, administrators can control color printing with permissions (denying/enabling color printing according to user, application, etc., or simply turn color off).
- Software includes HP's Easy Printer Care (manage up to 15 HP networked devices), Marketing Assistant (provides document templates, marketing advice, etc.).
- Highly capable Web Jetadmin network management.
- 256 MB memory can be expanded to 512 MB.
- Display provides guidance in both text and automated-graphics format.
- Print on up to 120 lb. index (58 lb. bond).

Limitations

- Relatively higher B&W and color consumables' cost per page of 2.4 and 13.25 cents respectively, and relatively higher Total Cost of Ownership for color. Note, however, that administrators can control color printing with Color Access Control permissions.
- Multi-part imaging system (both toner cartridges and imaging drums must be periodically replaced).

Best Use

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



RATINGS SCOREBOARD Total Ratings Score **31.0**

Supplies Cost Per Page

Black/Color	\$0.01831	\$0.13188	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,171.87	\$2,058.27	\$1,537.46
500 pages/month	\$1,811.39	\$5,245.20	\$2,269.73
1,000 pages/month	\$2,361.79	\$9,179.82	\$4,590.76
3,000 pages/month	\$4,563.39	\$25,005.48	\$11,263.64
5,000 pages/month	\$6,760.99	\$40,831.13	\$17,936.53

Strengths

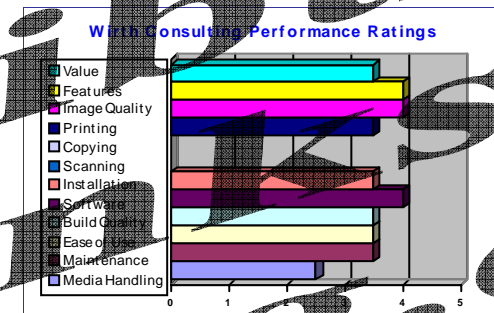
- Relatively low B&W cost per page of 1.8 cents.
- Print on up to 120 lb. index (58-lb. bond) via the bypass tray.
- With Color Access Control, administrators can control color printing with permissions (denying/enabling color printing according to user, application, etc., or simply turn color off).
- 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 enterprise use, 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.



RATINGS SCOREBOARD Total Ratings Score **35.5**

Supplies Cost Per Page

Black/Color	\$0.03590	\$0.13395	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,409.09	\$1,997.40	\$1,589.14
500 pages/month	\$2,376.07	\$3,308.31	\$2,659.95
1,000 pages/month	\$3,453.15	\$9,336.24	\$5,360.04
3,000 pages/month	\$7,761.44	\$25,410.72	\$13,508.09
5,000 pages/month	\$12,069.73	\$41,485.20	\$21,656.14

Strengths

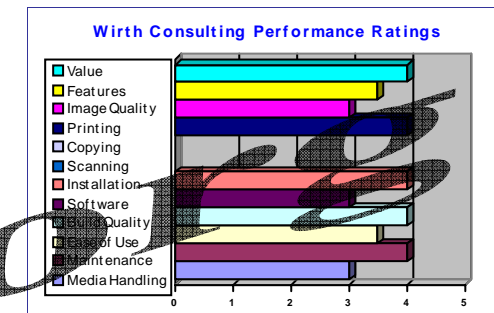
- PANTONE color-matching, Adobe PostScript device-independent color, Apple ColorSync, CIE International color standards, ICC, ICM.
- Adobe PostScript 3 print driver (not an emulation).
- Capable CentreWare network management.
- Optional hard drive for collation, secure print, etc.
- PhaserSMART troubleshooting, Xerox Installer software
- Security provisions include 802.1x, IPsec, SNMPv3, secure print (with optional hard drive), hard-drive overwrite.
- With Xerox Global Print Driver, users can print to a broad range of devices (even 3rd party), and IT need only install/support one print driver.
- With Xerox's Mobile Print Driver, users need only download one print driver in order to print to most PostScript imaging devices (including 3rd party), eliminating them having to download print drivers for each device.

Limitations

- Relatively higher color consumables' cost per page and Total Cost of Ownership.

Best Use

Small to mid-size businesses and workgroups, as well as some enterprise use, where a fast color printer that can produce good image quality and can be efficiently managed is required. With PANTONE color-matching and other color-matching software (as well as an Adobe PostScript print driver), the printer will also be suitable for graphic-arts applications.



RATINGS SCOREBOARD Total Ratings Score **36.0**

Supplies Cost Per Page

Black/Color	\$0.02468	\$0.08941	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$1,517.10	\$1,905.46	\$1,630.09
500 pages/month	\$2,139.54	\$2,740.16	\$2,316.35
1,000 pages/month	\$2,880.09	\$6,763.66	\$4,132.86
3,000 pages/month	\$5,842.28	\$17,492.99	\$9,628.59
5,000 pages/month	\$8,804.48	\$28,222.32	\$15,124.32

Strengths

- Low B&W and color consumables' cost of 1.9 and 8.4 cents respectively.
- PANTONE color matching, ICC Profiles, Custom Color Sliders, SPOT tables.
- 512 MB memory can be expanded to 1 GB; opt. hard drive.
- Standard 10/100BASE-TX Ethernet, optional wireless.
- Capable CentreWare network management.
- Adobe PostScript 3 print driver (not an emulation).
- With Xerox Global Print Driver, users can print to a broad range of devices (even 3rd party), and IT need only install/support one print driver.
- With Xerox's Mobile Print Driver, users need only download one print driver in order to print to most PostScript imaging devices (including 3rd party), eliminating them having to download print drivers for each device.
- Xerox Installer software for easy installation, PrintScout utility.

Limitations

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

Best Use

Small to mid-size businesses and workgroups, as well as enterprise use, where a fast and economical color printer that can produce good image quality and can be efficiently managed is required. With PANTONE color-matching and other color-matching software (as well as an Adobe PostScript print driver), the printer will also be suitable for graphic-arts applications.