

Wirth Consulting - B2B ©Head2Head Comparison

Color Duplex MFPs Under \$500

Make	Hewlett-Packard
Model	Officejet 6500 Wireless
Price	\$149.99
Imaging	Ink-Jet
BW/Color Print Speed (ppm)	32/31
Max Resolution (dpi)	1200x1200
Max Mo. Duty Cycle (pages)	7,000
Max Media Length (inches)	14.0
Max Media Width	8.50



Network Scan	<input type="checkbox"/>	Walk-Up Fax	<input checked="" type="checkbox"/>
Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input type="checkbox"/>
Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input type="checkbox"/>
Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input checked="" type="checkbox"/>
Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

Hewlett-Packard's Officejet 6500 Wireless All-In-One-Printer features a 35-sheet automatic document feeder, two memory-card slots, and wired (10/100Base-TX Ethernet) and wireless (802.11g/b) network connectivity. Users can print on heavier stock (up to 110 lb. index [53 lb. bond]), and can print, copy, scan and fax in color. Two memory-card slots are also provided.

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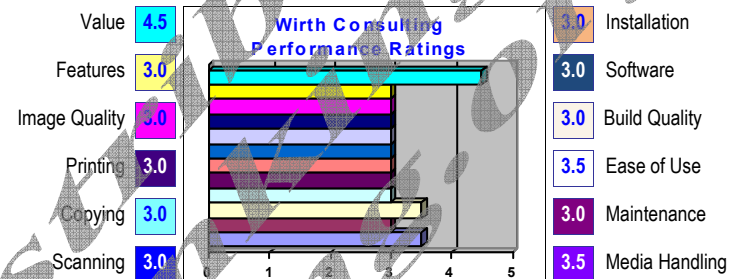
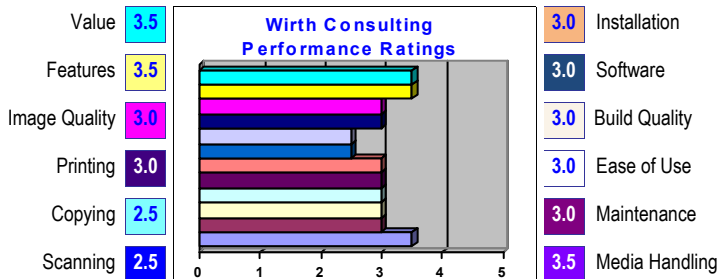
Color Duplex MFPs Under \$500

Make	Hewlett-Packard
Model	Officejet Pro 8500 Series
Price	\$299.99
Imaging	Ink-Jet
BW/Color Print Speed (ppm)	35/34
Max Resolution (dpi)	4800x1200
Max Mo. Duty Cycle (pages)	15,000
Max Media Length (inches)	14.0
Max Media Width	8.50



Network Scan	<input type="checkbox"/>	Walk-Up Fax	<input checked="" type="checkbox"/>
Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input type="checkbox"/>
Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input checked="" type="checkbox"/>
Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input checked="" type="checkbox"/>
Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

HP's Officejet Pro 8500 Series consists of three ink-jet color All-in-Ones for small and mid-size businesses, and home offices, providing network print, copy, scan and fax (all in color) and ADF at attractive pricing starting at \$299.99. (Specifications in this report are for the Officejet 8500 base version.) The Officejet Pro 8500 Wireless (\$399.99) adds touch screen, digital sending (to network folder), legal-size flatbed platen and 802.11b/g wireless network connectivity. The Officejet Pro 8500 Premier (\$499.99) is the same as the Pro 8500 Wireless, but adds second 250-sheet media tray and duplexing ADF.



Total Score	36.5	Black Cost Per Page	\$0.0476	Color Cost Per Page	\$0.1475
Total Cost of Ownership)	Black	Color	Mixed		
100 pages/month	\$435.56	\$1,034.96	\$629.01		
500 pages/month	\$1,577.85	\$2,362.42	\$1,820.98		
1,000 pages/month	\$3,005.70	\$8,999.70	\$4,953.67		
3,000 pages/month	\$8,717.13	\$26,699.13	\$14,564.02		
5,000 pages/month	\$14,428.56	\$44,398.56	\$24,174.38		

Total Score	38.5	Black Cost Per Page	\$0.0260	Color Cost Per Page	\$0.0926
Total Cost of Ownership)	Black	Color	Mixed		
100 pages/month	\$455.93	\$855.73	\$583.30		
500 pages/month	\$1,079.69	\$1,689.34	\$1,270.08		
1,000 pages/month	\$1,859.39	\$5,857.39	\$3,160.14		
3,000 pages/month	\$4,978.19	\$16,972.19	\$8,886.43		
5,000 pages/month	\$8,096.99	\$28,086.99	\$14,612.72		

Strengths

- 35-sheet simplex automatic document feeder.
- Two memory-card slots: top slot accepts Memory Stick, Memory Stick Duo; bottom slot accepts Secure Digital, Multimedia Card (MMC), and xD-Picture Card.
- 10/100Base-TX Ethernet wired and WiFi 802.11g/b wireless network connectivity.
- Print on up to 110 lb. index (53 lb. bond) and produce borderless prints up to 8.3" x 23.4".
- TWAIN scan driver for scanning to computer desktops, as well as OCR software for converting scanned files into "editable" text files.
- With Web Scan from Printer Web Server, users can scan to computer desktops from the device's Web home page.
- Color in all modes--print, copy, scan and fax.

Limitations

- Wirth Consulting has determined that this device has no notable limitations and should provide good functionality.

Notes

- 32 (B/W)/31 (color) ppm print speed is in draft mode.

Best Use

For small offices and workgroups, and home offices, that require color print and copy, and who may also require color network scan and walkup fax. Its pricing (\$149) will make it especially attractive to budget-constrained customers, as not many all-in-ones under \$149 provide both wired and wireless network connectivity as well as automatic duplexing.

Strengths

- Low B/W and color consumables' cost per page and Total Cost of Ownership.
- Automatic document feeder, and print on up to 110 lb. index stock (53 lb. bond).
- PictBridge port for direct photo printing, and four memory card slots for printing from memory cards.
- Produce borderless prints up to 8.5" x 11".
- 384 MHz CPU.
- Network-connectivity options that enhance workgroup sharing include: Jetdirect en1700 IPv4/IPv6 server; Jetdirect en3700 Fast Ethernet server; and Fast Ethernet External server.
- Optional wireless network connectivity: 802.11b/g server; Bluetooth USB 2.0 Wireless Adapter; Wireless Printing Upgrade Kit; Wireless G Print Server; Apple AirPort Express; and Apple AirPort Extreme.

Limitations

- Wirth Consulting has determined that this device has no notable limitations and should provide good functionality.

Notes

- 35 (B/W)/34 (color) ppm print speed in draft mode.
- Optional 250-sheet paper drawer is \$79.99.

Best Use

For shared use in small and mid-size businesses, and home offices, where color print and copy is required, and where color scan and fax may also be required. Higher ink yields provide support for workgroup sharing (1,000 pages for black ink cartridge, 900 pages each for cyan, yellow, magenta ink cartridges).

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Color Duplex MFPs Under \$500

Make	Hewlett-Packard
Model	Photosmart TouchSmart
Price	\$339.99
Imaging	Ink-Jet
BW/Color Print Speed (ppm)	33/32
Max Resolution (dpi)	9600x2400
Max Mo. Duty Cycle (pages)	25,000
Max Media Length (inches)	14.0
Max Media Width	8.50

Well Worth Consideration!



Network Scan	<input type="checkbox"/>	Walk-Up Fax	<input checked="" type="checkbox"/>
Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input checked="" type="checkbox"/>
Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input type="checkbox"/>
Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input checked="" type="checkbox"/>
Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

HP introduced its Photosmart Premium TouchSmart Web All-in-One in mid-2009 and it's one of the first products in this segment that provides a touch screen. At the touch screen, users can access pre-loaded Web applications, and print Web content, such as Google maps, news from "USA Today," coupons, movie tickets, etc., without having to connect to the Web via a computer. Both wired and wireless network connectivity are provided, and there is platen scanning only (no document feeder). Print, copy, scan and fax are all in color.

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Color Duplex MFPs Under \$500

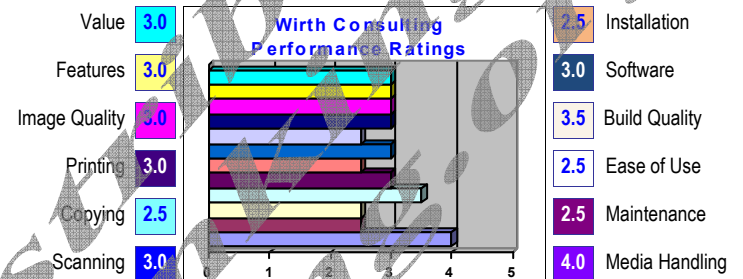
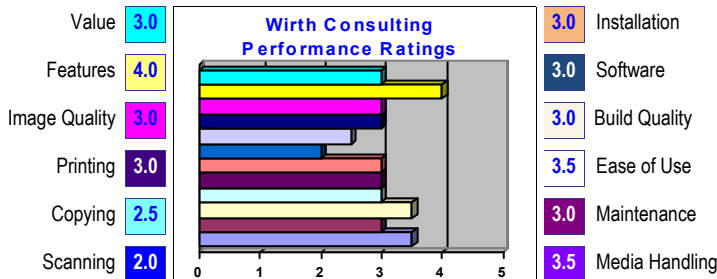
Make	Konica Minolta
Model	magicolor 1690MF
Price	\$449.00
Imaging	Laser
BW/Color Print Speed (ppm)	20/5
Max Resolution (dpi)	1,200
Max Mo. Duty Cycle (pages)	35,000
Max Media Length (inches)	14.0
Max Media Width	8.50

Worth Consideration



Network Scan	<input checked="" type="checkbox"/>	Walk-Up Fax	<input checked="" type="checkbox"/>
Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input type="checkbox"/>
Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input checked="" type="checkbox"/>
Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input checked="" type="checkbox"/>
Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

Part of Konica Minolta's magicolor family, the magicolor 1690MF uses color laser-imaging technology. Color print, copy and print, as well as B/W fax, is standard, as is wired 10/100BaseTX Ethernet network connectivity and a 35-sheet simplex automatic document feeder. Note that this is the only color MFP that uses laser imaging in this category. Duplexing is optional (\$99), while it is standard with other systems in this category.



Total Score	36.5	Black Cost Per Page	\$0.0312	Color Cost Per Page	\$0.1032
Total Cost of Ownership)	Black	Color	Mixed		
100 pages/month	\$527.42	\$959.18	\$664.62		
500 pages/month	\$1,277.12	\$1,887.95	\$1,465.92		
1,000 pages/month	\$2,214.24	\$6,531.84	\$3,616.91		
3,000 pages/month	\$5,962.74	\$18,915.54	\$10,177.54		
5,000 pages/month	\$9,711.24	\$31,299.24	\$16,738.17		

Total Score	35.5	Black Cost Per Page	\$0.0337	Color Cost Per Page	\$0.1667
Total Cost of Ownership)	Black	Color	Mixed		
100 pages/month	\$638.20	\$1,436.08	\$895.12		
500 pages/month	\$1,395.00	\$5,384.40	\$2,697.55		
1,000 pages/month	\$2,471.80	\$10,450.60	\$5,080.09		
3,000 pages/month	\$6,517.40	\$30,453.80	\$14,351.24		
5,000 pages/month	\$10,563.00	\$50,457.00	\$23,622.39		

Strengths

- Relatively low consumables' cost per page and Total Cost of Ownership.
- Two paper drawers: one 100-sheet drawer for holding up to 8.5" x 14" paper, and a convenient 20-sheet drawer for holding photo paper (up to 5" x 7"). HP Photo Print Gadget detects the correct-size media.
- At the touch screen, users can access pre-loaded Web applications, and print Web content, such as Google maps, news from "USA Today," children's entertainment materials, etc. without having to connect to the Web via a computer workstation. The touch screen also incorporates copy, fax and scan keys.
- Produce borderless prints up to 8.5" x 11". Print on up to 75 lb. bond (app. 158 lb. index) from both paper sources.
- PictBridge port for printing from PictBridge-enabled digital-camera memory cards. Standard wired Ethernet network interface and wireless 802.11n interface, as well as Bluetooth (print from Bluetooth-enabled devices). TWAIN scan driver.

Limitations

- No document feeder (platen copying and scanning only).

Notes

- 33 (B/W)/32 (color) ppm in draft print mode.

Best Use

Best suited for home use for light workflows, and for photo-printing, where color print, copy, scan and fax may be required, and/or where users will appreciate direct Web connectivity and applications, especially for home and consumer use.

Strengths

- 35-sheet simplex automatic document feeder.
- USB convenience port for print from and scan to USB memory cards.
- Print on up to 110 lb. index (53 lb. bond).
- Available from dealers as well retailers. Dealers may be able to provide an attractive, fixed cost-per-page plan, as well as onsite service.
- Color network scanning to computer workstations, hard-drive memory, and e-mail (supports LDAP). Also provided are TWAIN and WIA scan drivers, and Konica Minolta's LinkMagic utility for document management for scanning.
- High-yield consumables and relatively high maximum media capacity for less frequent maintenance.

Limitations

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

Notes



- Optional 500-sheet paper drawer (\$99).

Best Use

For small offices and workgroups, and home offices, with somewhat higher workloads that require color print, copy and scan, and B/W fax. The system is sold through authorized dealers, value-added resellers and via direct sales. When purchased through dealers, users may be able to obtain attractive, fixed cost-per-page plans.

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Color Duplex MFPs Under \$500

Make	Lexmark				
Model	Interact S605				
Price	\$199.00				
Imaging	Ink-Jet				
BW/Color Print Speed (ppm)	33/30	Network Scan	<input type="checkbox"/>	Walk-Up Fax	<input checked="" type="checkbox"/>
Max Resolution (dpi)	4800x1200	Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input checked="" type="checkbox"/>
Max Mo. Duty Cycle (pages)	5000	Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input type="checkbox"/>
Max Media Length (inches)	14.0	Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input type="checkbox"/>
Max Media Width	8.50	Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

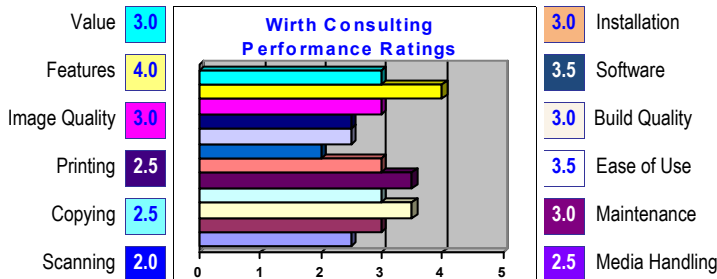
Part of the Home Office Series Lexmark introduced in September 2009, the Interact S605 will most likely be suitable for home offices. It's similar to the Platinum Pro905 in that it incorporates Lexmark's Web-connected touch screen and SmartSolutions applications. It provides Wi-Fi wireless connectivity, but not a wired Ethernet network interface, there is no document feeder, and paper capacity is lower at 100 sheets. Price is also lower at \$199.

Wirth Consulting - B2B ©Head2Head Comparison

Color Duplex MFPs Under \$500

Make	Lexmark				
Model	Intuition S505				
Price	\$149.00				
Imaging	Ink-Jet				
BW/Color Print Speed (ppm)	33/30	Network Scan	<input type="checkbox"/>	Walk-Up Fax	<input checked="" type="checkbox"/>
Max Resolution (dpi)	4800x1200	Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input type="checkbox"/>
Max Mo. Duty Cycle (pages)	5000	Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input type="checkbox"/>
Max Media Length (inches)	14.0	Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input type="checkbox"/>
Max Media Width	8.50	Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

The Intuition S505, which Lexmark introduced in September 2009, is similar to the Interact S605, but lacks Lexmark's Web-connected touch screen and SmartSolutions applications. As with the Interact S605, it's designed primarily for home offices. Color print, copy and scan are standard, as is Super Group 3 walkup fax, but there is no document feeder. However, it's one of the lowest priced systems in this series at \$149.



Total Score	35.5	Black Cost Per Page	\$0.0490	Color Cost Per Page	\$0.1390
Total Cost of Ownership)	Black	Color	Mixed		
100 pages/month	\$493.00	\$1,032.70	\$666.17		
500 pages/month	\$1,669.00	\$2,283.25	\$1,855.01		
1,000 pages/month	\$3,139.00	\$8,536.00	\$4,888.62		
3,000 pages/month	\$9,019.00	\$25,210.00	\$14,271.84		
5,000 pages/month	\$14,899.00	\$41,884.00	\$23,655.06		

Strengths

- Three-year warranty; color scan to e-mail.
- 802.11b/g/n wireless connectivity.
- Touch-screen applications, called SmartSolutions, may be downloaded from Lexmark.com: business-card scan (scans business cards and enters contact information into a Windows contact-management system); create a touch-screen key for frequently used copy settings; PhotoBucket Viewer (access and display photos stored on PhotoBucket.com); access and print a Windows file), etc.
- PictBridge port for printing from PictBridge-enabled digital-camera memory cards, and a media-card slot for printing from media cards.
- With Eco-Mode, save settings such as duplex printing, lower ink usage, and then activate with the touch of a button.
- Borderless printing from 3.5"x5" to 8.5"x14".

Limitations

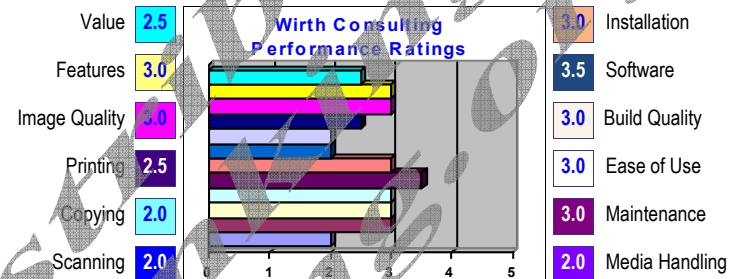
- The system uses a Microsoft Windows GDI print driver, which uses the processing power of the host computer to process jobs (no PCL or PostScript print drivers).
- Relatively high B/W cost per page and B/W Total Cost of Ownership.
- No document feeder.

Notes

- 33 (B/W)/30 (color) ppm print speed in draft mode.
- Ink cost per page calculated using 100XL High Yield Return Program Ink Cartridges.

Best Use

For light work volumes in home offices that require color print and copy, and who may also require color scan, and fax. It will also be appropriate for users who would benefit from access to Web applications. For instance, with its PictBridge port and the ability to directly download and then print photos from Photobucket.com, it'll be particularly useful for consumers for personal photo printing.



Total Score	32.5	Black Cost Per Page	\$0.0490	Color Cost Per Page	\$0.1390
Total Cost of Ownership)	Black	Color	Mixed		
100 pages/month	\$443.00	\$982.70	\$616.67		
500 pages/month	\$1,619.00	\$2,233.25	\$1,805.51		
1,000 pages/month	\$3,089.00	\$8,486.00	\$4,839.12		
3,000 pages/month	\$8,969.00	\$25,160.00	\$14,222.34		
5,000 pages/month	\$14,849.00	\$41,834.00	\$23,605.56		

Strengths

- Three-year warranty.
- 802.11b/g/n wireless connectivity.
- Color scan to e-mail.
- PictBridge port for printing from PictBridge-enabled digital-camera memory cards, and a media-card slot for printing from media cards.
- With Eco-Mode, save settings such as duplex printing, lower ink usage, and then activate with the touch of a button.
- Borderless printing from 3.5"x5" to 8.5"x14".

Limitations

- The system uses a Microsoft Windows GDI print driver, which uses the processing power of the host computer to process jobs (no PCL or PostScript print drivers).
- Relatively high B/W cost per page.
- No document feeder (platen scan and copy only).

Notes

- 33 (B/W)/30 (color) ppm print speed in draft mode.
- Ink cost per page calculated using 100XL High Yield Return Program Ink Cartridges.

Best Use

For light workflow volumes in home offices that require color print and copy, and who may also require color scan, and fax. With borderless printing and a PictBridge port, it's also appropriate for personal photo printing.

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Color Duplex MFPs Under \$500

Make	Lexmark
Model	Platinum Pro905
Price	\$399.00
Imaging	Ink-Jet
BW/Color Print Speed (ppm)	33/30
Max Resolution (dpi)	4800x1200
Max Mo. Duty Cycle (pages)	10,000
Max Media Length (inches)	14.0
Max Media Width	8.50

Well Worth Consideration!



Network Scan	<input type="checkbox"/>	Walk-Up Fax	<input checked="" type="checkbox"/>
Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input checked="" type="checkbox"/>
Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input checked="" type="checkbox"/>
Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input type="checkbox"/>
Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

This is the flagship in Lexmark's Professional series for SMB introduced in September 2009, and incorporates color print, copy and scan, and fax. A touch screen display incorporates pre-loaded Web applications and Web connectivity. Users can print real-time Web content, such as news, and copy, scan-to-e-mail and direct-photo printing keys are provided via the touch screen. Also provided are additional SmartSolutions applications (see "Strengths"). Wireless and wired network connectivity are standard.

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Color Duplex MFPs Under \$500

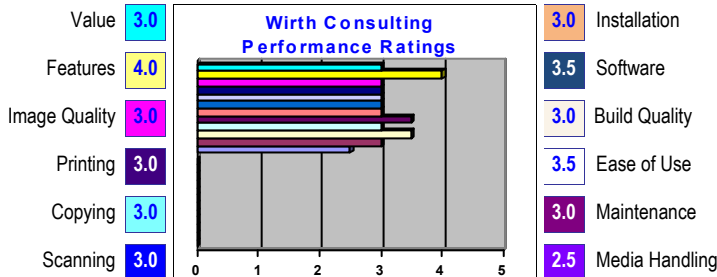
Make	Lexmark
Model	Prestige Pro805
Price	\$299.00
Imaging	Ink-Jet
BW/Color Print Speed (ppm)	33/30
Max Resolution (dpi)	4800x1200
Max Mo. Duty Cycle (pages)	10,000
Max Media Length (inches)	14.0
Max Media Width	8.50

Worth Consideration



Network Scan	<input type="checkbox"/>	Walk-Up Fax	<input type="checkbox"/>
Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input checked="" type="checkbox"/>
Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input type="checkbox"/>
Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input type="checkbox"/>
Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

As part of its Professional series introduced in September 2009, the Prestige Pro805 is virtually the same as the Platinum Pro905, but without Super Group 3 walkup fax and a second paper drawer. Price is also lower at \$299 versus \$399. Standard functionality includes color print, copy and scan. Wireless and wired network connectivity are provided, and the system features Lexmark's Web-connected touch screen and SmartSolutions applications.



Total Score	37.5	Black Cost Per Page	\$0.0098	Color Cost Per Page	\$0.0997
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Total Cost of Ownership)	Black	Color	Mixed
100 pages/month	\$457.71	\$997.41	\$631.23
500 pages/month	\$692.53	\$1,895.01	\$1,082.42
1,000 pages/month	\$986.06	\$6,383.06	\$2,757.21
3,000 pages/month	\$2,160.18	\$18,351.18	\$7,481.60
5,000 pages/month	\$3,334.29	\$30,319.29	\$12,206.00

Strengths

- Five-year warranty; simplex 50-sheet automatic document feeder. Low black and consumables' cost per page of 1 and 10 cents respectively.
- 802.11b/g/n wireless and 10/100Base-TX Ethernet wired network connectivity. Color scan to e-mail.
- PictBridge port for printing from PictBridge-enabled digital-camera memory cards, and a media-card slot for printing from media cards.
- Touch-screen applications, called SmartSolutions, may be downloaded from Lexmark.com: business card scan (scans business cards and enters contact information into a Windows contact-management system); create a touch-screen key for frequently used copy settings; PhotoBucket Viewer (access, display and print photos stored on PhotoBucket.com); access and print a Windows file, etc.
- With Eco-Mode, save settings such as duplex printing, lower ink usage, and then activate with the touch of a button.

Limitations

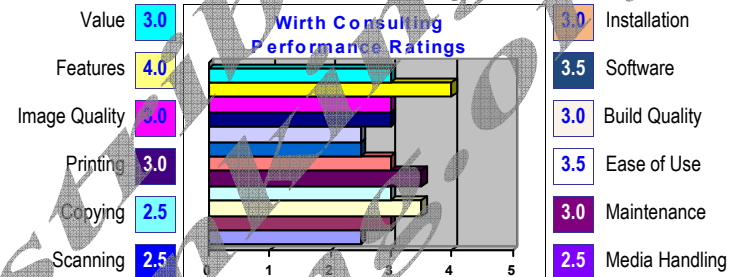
- The system uses a Microsoft Windows GDI print driver, which uses the processing power of the host computer to process jobs (no PCL or PostScript print drivers).

Notes

- 33 (B/W)/30 (color) ppm print speed in draft mode.
- Ink cost per page based on 100XLCYM Ink Cartridges, and 105XL Black High Yield Return Program Ink Cartridge.

Best Use

For small and mid-size businesses, and home offices, that require color print and copy, and who may also require color scan and fax. With 1 cent per page for black, it will also be appropriate for users with higher black print volumes.



Total Score	36.5	Black Cost Per Page	\$0.0098	Color Cost Per Page	\$0.0997
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Total Cost of Ownership)	Black	Color	Mixed
100 pages/month	\$357.71	\$897.41	\$532.23
500 pages/month	\$592.53	\$1,795.01	\$983.42
1,000 pages/month	\$886.06	\$6,283.06	\$2,658.21
3,000 pages/month	\$2,060.18	\$18,251.18	\$7,382.60
5,000 pages/month	\$3,234.29	\$30,219.29	\$12,107.00

Strengths

- Five-year warranty; simplex 50-sheet automatic document feeder. Low black consumables' cost per page.
- 802.11b/g/n wireless and 10/100Base-TX Ethernet wired network connectivity. Color scan to e-mail.
- PictBridge port for printing from PictBridge-enabled digital-camera memory cards, and a media-card slot for printing from media cards.
- Touch-screen applications, called SmartSolutions, may be downloaded from Lexmark.com: business card scan (scans business cards and enters contact information into a Windows contact-management systems); create a touch-screen key for frequently used copy settings; PhotoBucket Viewer (access, display and print photos stored on PhotoBucket.com); access and print a Windows file, etc.
- With Eco-Mode, save settings such as duplex printing, lower ink usage, and then activate with the touch of a button.

Limitations

- The system uses a Microsoft Windows GDI print driver, which uses the processing power of the host computer to process jobs (no PCL or PostScript print drivers).

Notes

- 33 (B/W)/30 (color) ppm print speed in draft mode.
- Ink cost per page based on 100XLCYM Ink Cartridges, and 105XL Black High Yield Return Program Ink Cartridge.

Best Use

For small offices and home offices that require color print, copy and scan, but do not require fax. It will also be appropriate for users that would benefit from access to the Web applications for quickly downloading and printing photos stored on PhotoBucket.com, Google maps, etc., such as a real-estate agent.

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Color Duplex MFPs Under \$500

Make	Lexmark
Model	Prevail Pro705
Price	\$199.00
Imaging	Ink-Jet
BW/Color Print Speed (ppm)	33/30
Max Resolution (dpi)	4800x1200
Max Mo. Duty Cycle (pages)	10,000
Max Media Length (inches)	14.0
Max Media Width	8.50



Network Scan	<input type="checkbox"/>	Walk-Up Fax	<input checked="" type="checkbox"/>
Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input type="checkbox"/>
Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input type="checkbox"/>
Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input type="checkbox"/>
Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

Part of Lexmark's September 2009 introduction of its Professional series of color ink-jet MFPs for SMB, the Prevail Pro705 is based on the Platinum Pro905, but lacks that system's Web-connected touch screen and SmartSolutions applications. Price is also lower at \$199. Standard functionality consists of color copy, print, and scan, and Super Group 3 fax. Wireless and wired network connectivity are provided.

Wirth Consulting - B2B ©Head2Head Comparison

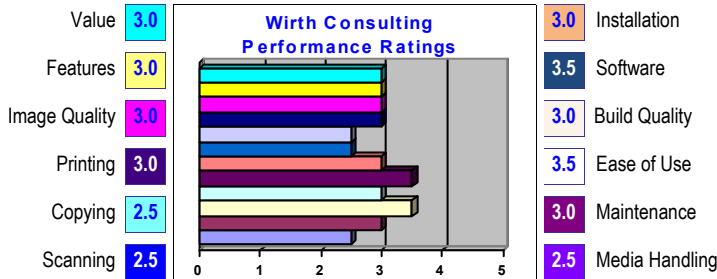
Color Duplex MFPs Under \$500

Make	Lexmark
Model	Prospect Pro205
Price	\$169.00
Imaging	Ink-Jet
BW/Color Print Speed (ppm)	33/30
Max Resolution (dpi)	4800x1200
Max Mo. Duty Cycle (pages)	5,000
Max Media Length (inches)	14.0
Max Media Width	8.50



Network Scan	<input type="checkbox"/>	Walk-Up Fax	<input checked="" type="checkbox"/>
Color Scan	<input checked="" type="checkbox"/>	Touch Screen	<input type="checkbox"/>
Network Print	<input checked="" type="checkbox"/>	USB 2.0 Port	<input type="checkbox"/>
Duplex Print	<input checked="" type="checkbox"/>	110-lb. Index	<input type="checkbox"/>
Duplex DF	<input type="checkbox"/>	Finishing	<input type="checkbox"/>

Built on Lexmark's Professional Series, at \$169 the Prospect Pro is the least expensive member of the series. It incorporates color print, copy, and scan, and Super Group 3 fax, but doesn't incorporate Lexmark's Web-connected touch screen and SmartSolutions applications, and paper capacity is the lower at 100 sheets. (Maximum monthly volume is also the lower at 5,000 pages.) Wired and wireless network connectivity are provided.



Total Score	35.5	Black Cost Per Page	\$0.0490	Color Cost Per Page	\$0.1390
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Total Cost of Ownership)	Black	Color	Mixed
100 pages/month	\$493.00	\$1,032.70	\$666.17
500 pages/month	\$1,669.00	\$2,283.25	\$1,855.01
1,000 pages/month	\$3,139.00	\$8,536.00	\$4,888.62
3,000 pages/month	\$9,019.00	\$25,210.00	\$14,271.84
5,000 pages/month	\$14,899.00	\$41,884.00	\$23,655.06

Strengths

- Five-year warranty;
- 50-sheet simplex automatic document feeder.
- 802.11b/g/n wireless and 10/100Base-TX Ethernet wired network connectivity. Color scan to e-mail.
- PictBridge port for printing from PictBridge-enabled digital-camera memory cards, and a media-card slot for printing from media cards.
- With Eco-Mode, save settings such as duplex printing, lower ink usage, and then activate with the touch of a button.
- Borderless printing from 3.5"x5" to 8.5"x14".
- Scan and import business-card contact information into a Microsoft Windows contact-management program.

Limitations

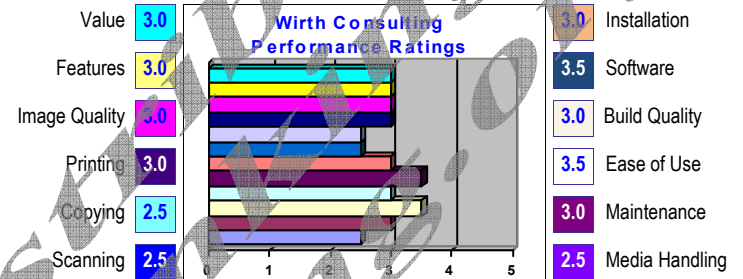
- The system uses a Microsoft Windows GDI print driver, which uses the processing power of the host computer to process jobs (no PCL or PostScript print drivers).
- Relatively high B/W consumables' cost per page and B/W Total Cost of Ownership.

Notes

- 33 (B/W)/30 (color) ppm print speed in draft mode.
- Ink cost per page calculated using 100XL High Yield Return Program cartridges.

Best Use

For small offices and home offices that require color print and copy, and who may also require color scan, and fax.



Total Score	35.5	Black Cost Per Page	\$0.0490	Color Cost Per Page	\$0.1390
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Total Cost of Ownership)	Black	Color	Mixed
100 pages/month	\$463.00	\$1,002.70	\$636.47
500 pages/month	\$1,639.00	\$2,253.25	\$1,825.31
1,000 pages/month	\$3,109.00	\$8,506.00	\$4,858.92
3,000 pages/month	\$8,989.00	\$25,180.00	\$14,242.14
5,000 pages/month	\$14,869.00	\$41,854.00	\$23,625.36

Strengths

- Five-year warranty.
- 35-sheet simplex automatic document feeder.
- 802.11b/g/n wireless and 10/100Base-TX Ethernet wired network connectivity. Color scan to e-mail.
- With Eco-Mode, save settings such as duplex printing, lower ink usage, and then activate with the touch of a button.
- PictBridge port for printing from PictBridge-enabled digital-camera memory cards, and a media-card slot for printing from media cards.
- Borderless printing from 3.5"x5" to 8.5"x14".
- Scan and import business-card contact information into a Microsoft Windows contact-management program.

Limitations

- The system uses a Microsoft Windows GDI print driver, which uses the processing power of the host computer to process jobs (no PCL or PostScript print drivers).
- Relatively high B/W consumables' cost per page.

Notes

- 33 (B/W)/30 (color) ppm print speed in draft mode.
- Ink cost per page calculated using 100XL High Yield Return Program Ink Cartridges.

Best Use

For small offices and home offices that require color print and copy, and who also require color scan, and fax.

Wirth Consulting - B2B ©Head2Head Comparison

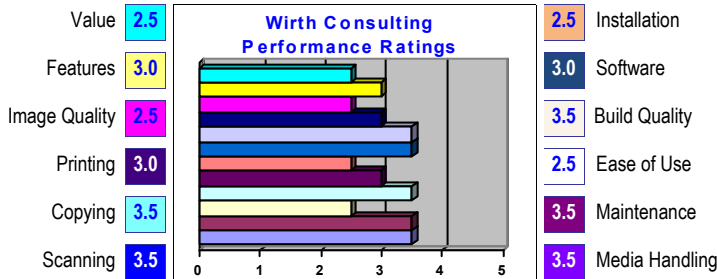
Color Duplex MFPs Under \$500

Make Ricoh
Model GX3000S
Price \$493.00
Imaging Ink-Jet
BW/Color Print Speed (ppm) 29/29
Max Resolution (dpi) 1200x1200
Max Mo. Duty Cycle (pages)
Max Media Length (inches) 14.0
Max Media Width 8.50



- Network Scan**
- Walk-Up Fax**
- Color Scan**
- Touch Screen**
- Network Print**
- USB 2.0 Port**
- Duplex Print**
- 110-lb. Index**
- Duplex DF**
- Finishing**

The GX3000S uses piezo ink-jet color printing, and is one of the few ink-jet MFPs in this segment that incorporates a duplexing automatic document feeder. Also provided are color copy, print and scan; fax is available with the GX3000SF and GX3050SFN. Ethernet network connectivity is optional (\$106.99). The GX3000S features among the highest maximum paper capacities (850 sheets) in this segment, and can print on heavyweight paper (up to 68 lb. bond, or 140 lb. index stock) via an optional bypass tray (\$139).



Total Score 36.5 **Black Cost Per Page** \$0.0233 **Color Cost Per Page** \$0.1312

Total Cost of Ownership)	Black	Color	Mixed
100 pages/month	\$632.62	\$1,280.44	\$840.08
500 pages/month	\$1,191.12	\$2,461.61	\$1,598.47
1,000 pages/month	\$1,889.23	\$8,367.43	\$4,008.15
3,000 pages/month	\$4,681.70	\$24,116.30	\$11,048.30
5,000 pages/month	\$7,474.17	\$39,865.17	\$18,088.46

Strengths

- Print on heavyweight media stock--up to 68 lb. bond (approximately 140 lb. index) via optional 100-sheet bypass tray. Standard paper drawer accepts up to 42 lb. bond.
- Color scan to e-mail (with LDAP support) and FTP sites, as well as TWAIN scan driver; and DeskTopBinder V2 Lite for document management.
- 30-sheet duplexing automatic document feeder.
- 400 MHz CPU.
- SmartDeviceMonitor for Admin network-management, and SmartDeviceMonitor for Clients.
- TWAIN scan driver; PC fax; DeskTopBinder V2 Lite for document management.
- Level Color Mode reduces ink density up to 65% without affecting text readability (conserves ink usage).
- Optional 500-sheet paper drawer and Super Group 3 fax.

Limitations

- The system uses a Microsoft Windows GDI print driver, which uses the processing power of the host computer to process jobs (no PCL or PostScript print drivers).
- Local printing in standard configuration; network connectivity (10/100Base-TX Ethernet) is optional.

Notes

- Online Web pricing for the GX3000S ranges from approximately \$365 to \$493. Pricing for ink cartridges and options is also approximate online Web pricing.

Best Use

For small offices and home offices with color print and copy workloads, and who may also require color scan. Optional Ethernet network interface must be added for network connectivity and sharing.