

Wirth Consulting

B2B Digital Imaging Product Evaluation

Tuesday, October 20, 2009 2:15:22 PM

WYSK

"What You Should Know"

Make	Hewlett-Packard	Model	Officejet 6500 Wireless
Functions	Print/Copy/Scan/Fax	Imaging Technology	Ink-Jet
Classification	Color Duplex MFPs Under \$500		

 Well Worth Consideration!

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.



Specifications

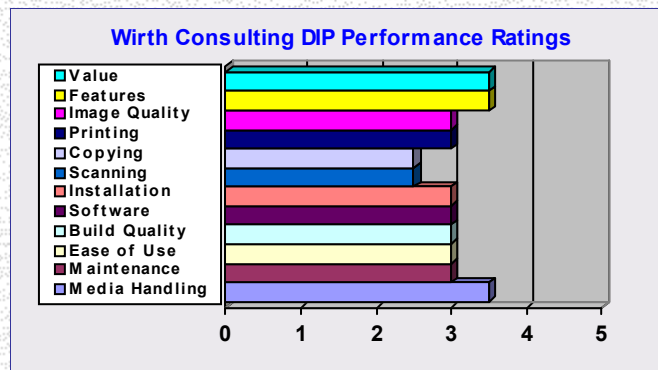
Monthly Duty Cycle	7,000	Max Media Width (inches)	8.5	215.90	mm	Price	\$149.99	€107.45
BW/Color Print Speed (PPM)	32/31	Max Media Length (inches)	14.0	355.60	mm	Duplex	\$0.00	€0.00
Max. Print Resolution (DPI)	1200x1200	Max Media Wt. (bond, lbs.)	53.0	178.88	gsm	Print	\$0.00	€0.00
Standard Memory (MB)	32.00	Height (inches)	10.60	269.24	mm	Network	\$0.00	€0.00
Std Media Capacity (sheets)	250	Width (inches)	18.70	474.98	mm	Scan	\$0.00	€0.00
Max Media Capacity (sheets)	250	Depth (inches)	18.60	472.44	mm	Doc Feeder	\$0.00	€0.00
Power Consumption (watts)	50	Weight (pounds)	19.73	8.95	kg	Full System	\$149.99	€107.45

Feature Checklist

Value Add	Print	Scan	Copy
USB Convenience Port <input type="checkbox"/>	Duplex Printing <input checked="" type="checkbox"/>	Color Scanning <input checked="" type="checkbox"/>	Duplex Document Feeder <input type="checkbox"/>
Scanner <input checked="" type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input type="checkbox"/>	Ease of Use
Walk-Up Fax <input checked="" type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	Software	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"/>
Image Quality	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"/>	Media Handling	Maintenance
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 type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input type="checkbox"/>	Max Weight from all Sources <input checked="" type="checkbox"/>	Finishing
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	3.5
Features	3.5
Image Quality	3.0
Printing	3.0
Copying	2.5
Scanning	2.5



3.0	Installation
3.0	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	36.5	Copier Score	28.0	Printer Score	31.5	Scanner Score	24.5	Usability Score	15.0
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Consumables Pricing and Yields* *All supply yields are based on an original area coverage of 5% per color

Black Ink/Toner Price	\$19.99	Magenta Ink/Toner Yield (pages)	300	Maintenance Kit Price	
Black Ink/Toner Yield	420	Yellow Ink/Toner Price	\$9.99	Maintenance Kit Yield	
Cyan Ink/Toner Price	\$9.99	Yellow Ink/Toner Yield	300	Other Type	
Cyan Ink/Toner Yield	300	Multicolor Ink Price		Other Price	
Magenta Ink/Toner Price	\$9.99	Multicolor Ink Yield		Other Yield	
Black Consumables Cost per Page		\$0.0476	Color Consumables Cost per Page		\$0.1475

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	\$0.098	\$0.197	50 pages	\$292.78	\$592.48	\$388.75
100 pages	\$0.073	\$0.172	100 pages	\$435.56	\$1,034.96	\$629.01
250 pages	\$0.058	\$0.157	250 pages	\$863.92	\$2,362.42	\$1,349.78
500 pages	\$0.053	\$0.152	500 pages	\$1,577.85	\$2,362.42	\$1,820.98
1,000 pages	\$0.050	\$0.150	1,000 pages	\$3,005.70	\$8,999.70	\$4,953.67
2,000 pages	\$0.049	\$0.149	2,000 pages	\$5,861.42	\$17,849.42	\$9,758.84
3,000 pages	\$0.048	\$0.148	3,000 pages	\$8,717.13	\$26,699.13	\$14,564.02
4,000 pages	\$0.048	\$0.148	4,000 pages	\$11,572.85	\$35,548.85	\$19,369.20
5,000 pages	\$0.048	\$0.148	5,000 pages	\$14,428.56	\$44,398.56	\$24,174.38

Wirth Consulting Commentary

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.