

What You Should Know

Office Digital Imaging Product Evaluation

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Hewlett-Packard

LaserJet M9040

A3 B/W 40-49 PPM MFPs
HP Web Site and Direct Sales



Product Introduction



Based on Hewlett-Packard's tried-and-true LaserJet platform, the M9040 incorporates network print and scan, copy and optional analog fax. Customers must select a document output/finishing option: an 8-bin mailbox, 3,000-sheet stapler/stacker or saddle-stitch booklet maker. Standard paper capacity is 3,100 sheets, and of note is a single-pass 100-sheet DADF for color scan/copy (simultaneously scans both sides of a two-sided original in a single pass). Of note is HP's industry-standard Web Jetadmin network management and remote monitoring software and Universal Print Driver (print to HP printers and MFPs with a single print driver).

Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	3,100	Price	\$9,999.00	€7,163.28
Imaging Technology	Laser	Max Media Capacity (sheets)	3,100	Duplex	\$0.00	€0.00
Monthly Duty Cycle (pages)	300,000	Max Media Sources	4	Print	\$0.00	€0.00
BW/Color Print Speed (PPM)	40	Max Media Width (inches/mm)	11.7 / 297.2	Network	\$0.00	€0.00
Max Print Resolution (DPI)	1200x1200	Max Media Length (inches/mm)	17.0 / 431.8	Scan	\$0.00	€0.00
Std Printer Memory (MB)	384	Max Media Wt. (bond, lbs./gsm)	58.0 / 195.8	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	512	Height (inches/mm)	48.00 / 1,219.20	Media Trays	None	
Hard Drive (GB)	Optional	Width (inches/mm)	43.00 / 1,092.20	Price	\$0.00	€0.00
Hard Drive Overwrite	No	Depth (inches/mm)	33.00 / 838.20	LCT	\$0.00	€0.00
Ethernet Network Interface	10/100/1000BaseTX	Weight (pounds/kg)	317.0 / 143.8	Finisher	MFP Finisher (50 sheets)	
User Authentication	Yes	Power Consumption (watts)	1,092	Price	\$2,020.00	€1,447.13

Feature Analysis, Ratings (from 0-5, with 5 being best) and Composite Scores

Value	3.0	Copying	2.5	Scanning	3.0	Printing	3.5
Overall Score	29.5	Copier Score	20.5	Scanner Score	17.0	Printer Score	24.0
Full System Price	\$9,999.00	Duplex Document Feeder	<input checked="" type="checkbox"/>	Color Scanning	<input checked="" type="checkbox"/>	Print Processor (MHz)	533
Black Cost per Page	\$0.0100	Touch Screen	<input checked="" type="checkbox"/>	Network Scanning	<input checked="" type="checkbox"/>	Maximum Memory (MB)	512
Color Cost per Page		Hard Drive	<input checked="" type="checkbox"/>	Open Platform	<input type="checkbox"/>	BW/Color Print Speed	40
Black TCO* (5k/mo)	\$12,367.34	<div style="text-align: center;"> Wirth Consulting Performance Ratings (from 0-5, with 5 being best) </div>				Windows <input checked="" type="checkbox"/> Linux <input checked="" type="checkbox"/>	
Color TCO* (5k/mo)						Apple Mac <input checked="" type="checkbox"/> PCL <input checked="" type="checkbox"/>	
Mixed** TCO* (5k/mo)						GDI Printing <input type="checkbox"/> PostScript <input checked="" type="checkbox"/>	
*Base Price; **67% BW and 33% Color							
Features	2.5					Image Quality	3.0
USB Convenience Port	<input type="checkbox"/>					Imaging Technology	Laser
Scanner	<input checked="" type="checkbox"/>					Max. Resolution	1200x1200
Walk-Up Fax	<input checked="" type="checkbox"/>					BW Office IQ	<input checked="" type="checkbox"/>
LAN Fax	<input type="checkbox"/>					Color Office IQ	<input type="checkbox"/>
Duplex Printing	<input checked="" type="checkbox"/>					Professional IQ	<input type="checkbox"/>
Network Printing	<input checked="" type="checkbox"/>					Photographic IQ	<input type="checkbox"/>
Media Handling	3.0	Maintenance	3.5	Software	2.5	Ease of Use	3.0
Max Media Sources	4	Black Page Yield	38,000	Desktop Software	<input type="checkbox"/>	Usability Score	9.0
Max Wt. (bond, lbs.)	58.0	All-in-One Toner Cartridge	<input checked="" type="checkbox"/>	Web Utilities	<input checked="" type="checkbox"/>	Graphic Display	<input type="checkbox"/>
Feeds 110-lb. Index Stock	<input checked="" type="checkbox"/>	Holds Full Ream of Media	<input checked="" type="checkbox"/>	Adobe PostScript	<input type="checkbox"/>	Touch Screen	<input checked="" type="checkbox"/>
Max Weight from all Sources	<input type="checkbox"/>					Navigation Keys	<input type="checkbox"/>
Finishing	<input checked="" type="checkbox"/>					Holds Full Ream of Media	<input checked="" type="checkbox"/>

Consumables Pricing and Yields

*Based on an original area coverage of 5% per color. **Yield in pages

Consumable	Price	Yield**	Dev Price	Dev Yield**	Drum Price	Drum Yield**
Black Ink/Toner	\$299.99	38,000				
Cyan Ink/Toner						
Magenta Ink/Toner						
Yellow Ink/Toner						
Multicolor Ink						
Other Type						
Other						
Maintenance Kit	\$736.25	350,000				

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Supply Cost Per Page and Total Cost of Ownership*

*CPP and TCO include the base price depreciated over a five-year period (not including service) **Based on 66% Black/33% Color

Monthly Volume	Black CPP	Color CPP	Black TCO	Color TCO	Mixed TCO**
50 pages	\$3.343		\$10,022.68		
100 pages	\$1.676		\$10,046.37		
250 pages	\$0.677		\$10,117.42		
500 pages	\$0.343		\$10,235.83		
1,000 pages	\$0.177		\$10,472.67		
2,000 pages	\$0.093		\$10,946.34		
3,000 pages	\$0.066		\$11,420.01		
4,000 pages	\$0.052		\$11,893.67		
5,000 pages	\$0.043		\$12,367.34		

Consumables CPP

(Based on an original area coverage of 5% per color)

Black Cost Per Page
Black Consumables Cost per Page
\$0.0100
Color Cost Per Page
Color Consumables Cost per Page

Strengths

- Single-pass color scanner simultaneously scans both sides of a two-sided original in a single pass at a resolution of 600 dpi for enhanced productivity and less wear-and-tear on originals.
- Fast Ethernet (Gigabit) network interface, and broad range of optional HP Jetdirect network interfaces.
- Industry-standard Web Jetadmin network-management and remote-monitoring software.
- HP Universal Print Driver for Microsoft Windows (a single print driver to deploy for printing to HP printers and MFPs).
- Security includes secure print, hard-drive erase, network authentication, SNMPv3, SSL/TLS (HTTPS), 802.1X Authentication (EAP- PEAP, EAP-TLS), IPSec/Firewall with Kerberos, Certificate, and PreShared Key Authentication.
- Print on up to 120 lb. index stock (58 lb. bond) via bypass tray.
- All-in-one toner cartridge--no need to replace separate toner, developer and image drum.
- Optional third-party document-capture, job accounting, and security solutions.

OPTIONS: Hard Drive with Advanced Encryption Standard (\$599); Analog fax (\$348); document finisher (\$2,020); 8-bin Mailbox (\$1,499); HP Network Install (\$399); Jetdirect EIO Print Servers: 620n IPV6 (\$349.99); 630 IPV6 Gigabit (\$389.99); 635n Fast Ethernet (\$399); Digital Sending Software 4 (\$N/A).

Limitations

- In general, printer-based MFPs have fewer advanced copier features (such as characterization, positive/negative print, etc.) when compared to copier-based MFPs. However, note that most users will not likely require these advanced functions.

Notes

- Maintenance Kit includes Fusing Assembly, 7 Feed/Separation Rollers, 2 Pick-up Rollers & Transfer Roller.
- Standard scan-to-e-mail; optional Digital Sending Software for scanning to network folders, printers, and fax services.

Best Use

Offices and mid- to large-size businesses and workgroups, as well as enterprises, that require an A3 office MFP with monochrome network print, copy, and color scan applications (optional fax). Industry-leading Web Jetadmin makes the system suitable for virtually any application or environment.