

What You Should Know

Office Digital Imaging Product Evaluation

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InfoPrint

1930 MFP

A4 B/W 40-49 PPM MFPs
Authorized Dealers



Product Introduction



Introduced in April 2009, two versions of this 40-ppm A4 office MFP are available: the 1930 MFP (\$966), and the 1940 MFP (\$1,159), the latter of which adds walk-up fax. Both configurations feature a new 7" color touch screen and an energy-saving Eco Mode. When Eco Mode is enabled: the print engine doesn't start until a job is ready to print, the system enters Power Save mode after one minute of inactivity, the scanner lamp is only activated when a scan job is started, automatic duplexing is applied, etc. Note that optional document finishing is not available for either the 1930 or 1940 MFP.

Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	300	Price	\$966.00	€692.04	
Imaging Technology	Laser	Max Media Capacity (sheets)	850	Duplex	\$0.00	€0.00	
Monthly Duty Cycle (pages)	80,000	Max Media Sources	3	Print	\$0.00	€0.00	
BW/Color Print Speed (PPM)	40	Max Media Width (inches/mm)	8.5	215.9	Network	\$0.00	€0.00
Max Print Resolution (DPI)	1200x1200	Max Media Length (inches/mm)	14.0	355.6	Scan	\$0.00	€0.00
Std Printer Memory (MB)	128	Max Media Wt. (bond, lbs./gsm)	47.0	158.6	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	640	Height (inches/mm)	21.50	546.10	Media Trays	550-sheet drawer	
Hard Drive (GB)	Optional 80 GB	Width (inches/mm)	19.20	487.68	Price	\$197.00	€141.13
Hard Drive Overwrite	Yes	Depth (inches/mm)	17.20	436.88	LCT	\$0.00	€0.00
Ethernet Network Interface	10/100BaseTX	Weight (pounds/kg)	50.0	22.7	Finisher	None	
User Authentication	Yes	Power Consumption (watts)	N/A	Price	\$0.00	€0.00	

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

Value	2.5	Copying	2.5	Scanning	2.5	Printing	3.5
Overall Score	27.5	Copier Score	19.0	Scanner Score	16.5	Printer Score	22.5
Full System Price	\$966.00	Duplex Document Feeder	<input checked="" type="checkbox"/>	Color Scanning	<input checked="" type="checkbox"/>	Print Processor (MHz)	500
Black Cost per Page	\$0.0193	Touch Screen	<input checked="" type="checkbox"/>	Network Scanning	<input checked="" type="checkbox"/>	Maximum Memory (MB)	640
Color Cost per Page		Hard Drive	<input type="checkbox"/>	Open Platform	<input type="checkbox"/>	BW/Color Print Speed	40
Black TCO* (5k/mo)	\$6,751.00	<div style="text-align: center;"> Wirth Consulting Performance Ratings (from 0-5, with 5 being best) </div>					
Color TCO* (5k/mo)							
Mixed** TCO* (5k/mo)							
*Base Price; **67% BW and 33% Color							
Windows	<input checked="" type="checkbox"/>	Linux	<input checked="" type="checkbox"/>	Apple Mac	<input checked="" type="checkbox"/>	PCL	<input checked="" type="checkbox"/>
GDI Printing	<input type="checkbox"/>	PostScript	<input checked="" type="checkbox"/>				

Features	3.0
USB Convenience Port	<input checked="" type="checkbox"/>
Scanner	<input checked="" type="checkbox"/>
Walk-Up Fax	<input type="checkbox"/>
LAN Fax	<input checked="" type="checkbox"/>
Duplex Printing	<input checked="" type="checkbox"/>
Network Printing	<input checked="" type="checkbox"/>

Image Quality	2.5
Imaging Technology	Laser
Max. Resolution	1200x1200
BW Office IQ	<input checked="" type="checkbox"/>
Color Office IQ	<input type="checkbox"/>
Professional IQ	<input type="checkbox"/>
Photographic IQ	<input type="checkbox"/>

Media Handling	2.5
Max Media Sources	3
Max Wt. (bond, lbs.)	47.0
Feeds 110-lb. Index Stock	<input type="checkbox"/>
Max Weight from all Sources	<input type="checkbox"/>
Finishing	<input type="checkbox"/>

Maintenance	2.5
Black Page Yield	15,000
All-in-One Toner Cartridge	<input type="checkbox"/>
Holds Full Ream of Media	<input checked="" type="checkbox"/>

Software	2.5
Desktop Software	<input checked="" type="checkbox"/>
Web Utilities	<input checked="" type="checkbox"/>
Adobe PostScript	<input type="checkbox"/>
Open Platform	<input type="checkbox"/>

Ease of Use	3.5
Usability Score	8.5
Graphic Display	<input type="checkbox"/>
Touch Screen	<input checked="" type="checkbox"/>
Navigation Keys	<input 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	\$251.00	15,000			\$26.00	30,000
Cyan Ink/Toner						
Magenta Ink/Toner						
Yellow Ink/Toner						
Multicolor Ink						
Other Type						
Other						
Maintenance Kit	\$202.00	120,000				

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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	\$0.341		\$1,018.80		
100 pages	\$0.180		\$1,071.60		
250 pages	\$0.084		\$1,230.00		
500 pages	\$0.051		\$1,494.00		
1,000 pages	\$0.035		\$2,022.00		
2,000 pages	\$0.027		\$3,280.00		
3,000 pages	\$0.025		\$4,437.00		
4,000 pages	\$0.023		\$5,594.00		
5,000 pages	\$0.023		\$6,751.00		

Consumables CPP

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

Black Cost Per Page
Black Consumables Cost per Page
\$0.0193
Color Cost Per Page
Color Consumables Cost per Page

Strengths

- Print from and scan to USB memory drives.
 - Eco Mode reduces power consumption and applies automatic duplexing.
 - 50-sheet duplexing automatic document feeder rated at 35/20 opm.
 - Preview scanned images on new 7" color touch screen (optional 80-GB hard drive is required).
 - Capable MarkVision Professional for device management over the network and for remote monitoring.
 - With Job Waiting, jobs will continue to print even though one job may lack the resources to be printed (such as an installed paper size or type), preventing job back-ups.
 - Security includes IPsec, SNMPv3, 802.11x, network authentication, data encryption, hard-drive erasing.
 - PostScript 3, PCL 6 print drivers, as well as PPDS Migration Tool, PF v1.7 emulation.
 - Color scan to e-mail, FTP sites, Microsoft Windows network folders (requires installing embedded scan-to-folder application), LDSS, network-connected PCs, and to USB memory drives.
 - Fax forwarding to e-mail, FTP, and fax (requires optional Super Group 3 fax).
 - Rapid fuser technology for lower energy consumption and faster warm-up.
- OPTIONS: 80-GB Hard Drive (\$433); Gigabit Ethernet (\$142); Wireless 802.11 b/g/n (\$399); Decryption Card (\$199); IPDS & SCS/Tne Card (\$465); 250-Sheet Drawer (\$134); Super G3 Fax Card (\$316); Bar Code (\$255.20); Forms Card; IPDS.

Limitations

- Relatively lower standard and optional media capacity.
- No document finishing available.
- Relatively higher Cost Per Page (CPP) and Total Cost of Ownership (TCO).

Notes

- Pricing for consumables is list pricing. Pricing for options was obtained from Web sources, and is not list pricing.
- ADF Maintenance Kit (\$60) yields 120,000 ADF scans.

Best Use

Offices and mid to large-size workgroups, and enterprises, that require a manageable (via MarkVision) office MFP and have primarily A4 (letter- or legal-size paper) B/W print, copy, fax, and color scan applications, and who may also require extensive support for alternative/legacy platforms, but which do not require document finishing.