

What You Should Know

Office Digital Imaging Product Evaluation

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Product Introduction



Introduced in December 2008, the VarioLink 4222 A3 B/W MFP provides standard copy and network scan. It may be equipped with an optional controller, as well as a Super Group 3 fax option. The optional controller includes PCL 6 and PostScript 3 print drivers, as well as XPS (XML Page Specification) printing capability, and is powered by a 600 MHz CPU. An 80-sheet automatic reversing document feeder (ARDF) is standard. Finishing options include inner and floor stapler/finishers, saddle-stitch booklet maker, and document hole punch.

Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	1,150	Price	\$9,720.00	€6,963.41
Imaging Technology	Laser	Max Media Capacity (sheets)	5,650	Duplex	\$0.00	€0.00
Monthly Duty Cycle (pages)	150,000	Max Media Sources	5	Print	\$1,500.00	€1,074.60
BW/Color Print Speed (PPM)	42	Max Media Width (inches/mm)	11.0 / 279.4	Network	\$0.00	€0.00
Max Print Resolution (DPI)	1200x600	Max Media Length (inches/mm)	17.0 / 431.8	Scan	\$0.00	€0.00
Std Printer Memory (MB)	1,000	Max Media Wt. (bond, lbs./gsm)	53.0 / 178.9	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	1,000	Height (inches/mm)	35.20 / 894.08	Media Trays	500-sheet drawer	
Hard Drive (GB)	60	Width (inches/mm)	26.70 / 678.18	Price	\$1,500.00	€1,074.60
Hard Drive Overwrite	Yes	Depth (inches/mm)	27.90 / 708.66	LCT	\$1,380.00	€988.63
Ethernet Network Interface	10/100/1000BaseTX	Weight (pounds/kg)	215.0 / 97.5	Finisher	50-sheet finisher	
User Authentication	Yes	Power Consumption (watts)	1,560	Price	\$3,100.00	€2,220.84

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

Value 2.5	Copying 3.0	Scanning 2.5	Printing 3.0
Overall Score 28.0 Full System Price \$11,220.00 Black Cost per Page \$0.0057 Color Cost per Page Black TCO* (5k/mo) \$11,422.39 Color TCO* (5k/mo) Mixed** TCO* (5k/mo) <small>*Base Price; **67% BW and 33% Color</small>	Copier Score 20.0 Duplex Document Feeder <input checked="" type="checkbox"/> Touch Screen <input checked="" type="checkbox"/> Hard Drive <input checked="" type="checkbox"/>	Scanner Score 17.0 Color Scanning <input type="checkbox"/> Network Scanning <input checked="" type="checkbox"/> Open Platform <input type="checkbox"/>	Printer Score 22.5 Print Processor (MHz) 600 Maximum Memory (MB) 1,000 BW/Color Print Speed 42 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	Wirth Consulting Performance Ratings (from 0-5, with 5 being best)		Image Quality 3.5
USB Convenience Port <input checked="" type="checkbox"/> Scanner <input checked="" type="checkbox"/> Walk-Up Fax <input checked="" type="checkbox"/> LAN Fax <input type="checkbox"/> Duplex Printing <input checked="" type="checkbox"/> Network Printing <input checked="" type="checkbox"/>			Imaging Technology Laser Max. Resolution 1200x600 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	Maintenance 2.5	Software 2.5	Ease of Use 3.0
Max Media Sources 5 Max Wt. (bond, lbs.) 53.0 Feeds 110-lb. Index Stock <input checked="" type="checkbox"/> Max Weight from all Sources <input type="checkbox"/> Finishing <input checked="" type="checkbox"/>	Black Page Yield 32,000 All-in-One Toner Cartridge <input type="checkbox"/> Holds Full Ream of Media <input checked="" type="checkbox"/>	Desktop Software <input checked="" type="checkbox"/> Web Utilities <input checked="" type="checkbox"/> Adobe PostScript <input type="checkbox"/> Open Platform <input type="checkbox"/>	Usability Score 8.0 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	\$115.00	32,000	\$218.00	250,000	\$272.00	225,000
Cyan Ink/Toner						
Magenta Ink/Toner						
Yellow Ink/Toner						
Multicolor Ink						
Other Type						
Other						
Maintenance Kit						

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VarioLink 4222



A3 B/W 40-49 PPM MFPs

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	\$3.246		\$9,737.02		
100 pages	\$1.626		\$9,754.05		
250 pages	\$0.654		\$9,805.12		
500 pages	\$0.330		\$9,890.24		
1,000 pages	\$0.168		\$10,060.48		
2,000 pages	\$0.087		\$10,400.96		
3,000 pages	\$0.060		\$10,741.44		
4,000 pages	\$0.046		\$11,081.91		
5,000 pages	\$0.038		\$11,422.39		

Consumables CPP

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

Black Cost Per Page
Black Consumables Cost per Page
\$0.0057
Color Cost Per Page
Color Consumables Cost per Page

Strengths

- Low cost per page of 0.5 cents.
- 80-sheet reversing automatic document feeder rated at 70 opm.
- Print on up to 110 lb. index stock via bypass tray.
- Scan to: e-mail (supports LDAP), FTP, SMB, WebDAV, and optional hard drive. Network TWAIN (HDD TWAIN) driver and WS-Scan.
- Scan to multiple destinations in a single operation.
- USB convenience port for print from and scan to USB memory cards.
- Security features include SMTP and LDAP authentication, IP address filtering, SSL HDD encryption, and HDD data erase.

SECURITY OPTIONS: Biometric Authentication (reads finger-vein patterns and is used to restrict access), HID Card Reader; account-tracking software.

OPTIONS: Print controller (\$1,500) provides PCL and PostScript print drivers; Inner Finisher (50-sheets); Floor Finisher (50-sheets); Saddle Finisher (15 sheets); 2/3 hole document punch; Super Group 3 walkup fax ; i-Option for accessing the Web via the touch screen and for enhanced encryption of Adobe PDFs.

Limitations

- Network printing is optional (\$1,500)

Notes

- Toner yield is at 6-percent page coverage.

Best Use

Offices and mid-size to large workgroups, and enterprises, that require an A3 office MFP for monochrome network print, copy, and scan applications (and may require optional fax).