

Wirth Consulting

B2B Digital Imaging Product Evaluation

Friday, September 04, 2009 12:19:25 PM

WYSK

"What You Should Know"

Make	Samsung Electronics	Model	CLX-6210FX
Functions	Print/Copy/Scan/Fax	Imaging Technology	Laser
Classification	Color MFPs From \$750 To \$1,000		

Well Worth Consideration!

This color network print/copy/scan MFP is based on Samsung's capable MFP platform. The company is the second largest manufacturer of laser-print engines. Samsung rates CLX-6210FX at up to 21 ppm in both B/W and color, and, with an up to 80,000-page maximum monthly duty cycle and 850-sheet maximum paper capacity, it will accommodate more substantial print and copy volumes.



Specifications

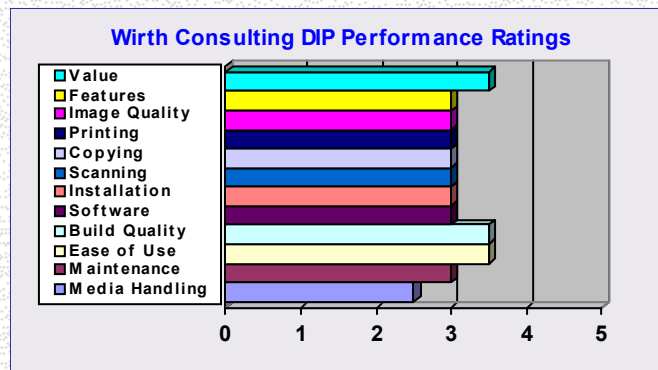
Monthly Duty Cycle	80,000	Max Media Width (inches)	8.5	215.90 mm	Price	\$899.00	€644.04
BW/Color Print Speed (PPM)	21/21	Max Media Length (inches)	14.0	355.60 mm	Duplex		
Max. Print Resolution (DPI)	600x600	Max Media Wt. (bond, lbs.)	43.0	145.13 gsm	Print		
Standard Memory (MB)	128.00	Height (inches)	26.00	660.40 mm	Network		
Std Media Capacity (sheets)	350	Width (inches)	18.00	457.20 mm	Scan		
Max Media Capacity (sheets)	850	Depth (inches)	20.00	508.00 mm	Doc Feeder		
Power Consumption (watts)	NA	Weight (pounds)	79.00	35.83 kg	Full System	\$899.00	€644.04

Feature Checklist

Value Add	Print	Scan	Copy
USB Convenience Port <input checked="" type="checkbox"/>	Duplex Printing <input checked="" type="checkbox"/>	Color Scanning <input checked="" type="checkbox"/>	Duplex Document Feeder <input checked="" type="checkbox"/>
Scanner <input checked="" type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input checked="" type="checkbox"/>	Ease of Use
Walk-Up Fax <input checked="" type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	Software	Graphic Display <input checked="" 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 checked="" type="checkbox"/>	Media Handling	Maintenance
Color Office IQ <input checked="" type="checkbox"/>	PCL <input checked="" type="checkbox"/>	Feeds Index Stock <input type="checkbox"/>	All-in-One Toner Cartridge <input checked="" type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input checked="" type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	Finishing
Photographic IQ <input type="checkbox"/>	Adobe PostScript <input type="checkbox"/>	Holds Full Ream of Media <input checked="" type="checkbox"/>	Finishing <input type="checkbox"/>

Wirth Consulting Ratings* *On a scale of 0-5, with 5 being the best

Value	3.5
Features	3.0
Image Quality	3.0
Printing	3.0
Copying	3.0
Scanning	3.0



3.0	Installation
3.0	Software
3.5	Build Quality
3.5	Ease of Use
3.0	Maintenance
2.5	Media Handling

Ratings Scoreboard* *Highest possible scores: Overall, 60; Copier, 45; Printer, 50; Scanner, 40; Usability, 25

Overall Score	37.0	Copier Score	28.0	Printer Score	31.0	Scanner Score	25.5	Usability Score	16.0
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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	\$104.00	Magenta Ink/Toner Yield (pages)	2,500	Maintenance Kit Price	
Black Ink/Toner Yield	5,500	Yellow Ink/Toner Price	\$86.99	Maintenance Kit Yield	
Cyan Ink/Toner Price	\$86.99	Yellow Ink/Toner Yield	2,500	Other Type	
Cyan Ink/Toner Yield	2,500	Multicolor Ink Price		Other Price	
Magenta Ink/Toner Price	\$86.99	Multicolor Ink Yield		Other Yield	
Black Consumables Cost per Page		\$0.0189	Color Consumables Cost per Page		\$0.1233

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	\$0.319	\$0.423	50 pages	\$955.73	\$1,268.89	\$1,049.51
100 pages	\$0.169	\$0.273	100 pages	\$1,012.45	\$1,638.78	\$1,209.02
250 pages	\$0.079	\$0.183	250 pages	\$1,182.64	\$2,748.46	\$1,687.53
500 pages	\$0.049	\$0.153	500 pages	\$1,466.27	\$2,748.46	\$1,874.73
1,000 pages	\$0.034	\$0.138	1,000 pages	\$2,033.55	\$8,296.83	\$4,080.09
2,000 pages	\$0.026	\$0.131	2,000 pages	\$3,168.09	\$15,694.65	\$7,270.17
3,000 pages	\$0.024	\$0.128	3,000 pages	\$4,302.64	\$23,092.48	\$10,460.26
4,000 pages	\$0.023	\$0.127	4,000 pages	\$5,437.18	\$30,490.30	\$13,650.34
5,000 pages	\$0.022	\$0.126	5,000 pages	\$6,571.73	\$37,888.13	\$16,840.42

Wirth Consulting Commentary

Strengths

- Color fax and PC fax. Network scanning as well as TWAIN and WIA scan drivers.
- Low B/W cost per page of 1.9 cents.
- Scan to and print from USB memory devices.
- Optional wireless network interface.
- Interface for direct printing from PictBridge-compatible digital camera memory cards.
- Capable SyncThru printer-management solution.
- SmarThru document-management software for managing scanned files,
- Feeds card stock.

Limitations

Wirth Consulting has determined that this device does not have any notable limitations and should provide good functionality.

Notes

Best Use

Home offices, and small- and mid-size offices and workgroups that require an economical fast, easy-to-use B/W and color office MFP with network print/copy functions on letter- and legal-size media that also supports routine B/W/color scan applications, and who may also require color fax capability. An economic choice for mostly B/W output with occasional color output.