

What You Should Know

Office Digital Imaging Product Evaluation

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Xerox

WorkCentre 5645

A3 B/W 40-49 PPM MFPs
Xerox Direct and Authorized Dealers/Resellers



Product Introduction



Xerox's WorkCentre 5645 incorporates a 1.2 GHz CPU and supports the company's open-development Extensible Interface Platform (EIP) that enables the creation of custom applications accessible from the touch screen. One such application, for instance, is a digital repository for files, enabling users to easily browse among stored files and print as needed. A 75-sheet duplexing automatic document feeder is standard. Document-finishing options include the usual stapling, saddle-stitch booklet-making and document hole-punch, but also include V/C/Z-folding and post-process sheet insertion.

Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	1,100	Price	\$9,899.00	€7,091.64	
Imaging Technology	Laser	Max Media Capacity (sheets)	8,700	Duplex	\$0.00	€0.00	
Monthly Duty Cycle (pages)	175,000	Max Media Sources	6	Print	\$0.00	€0.00	
BW/Color Print Speed (PPM)	45	Max Media Width (inches/mm)	11.0	279.4	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)	512	Max Media Wt. (bond, lbs./gsm)	57.0	192.4	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	512	Height (inches/mm)	45.00	1,143.00	Media Trays	2x500-sheet drawers	
Hard Drive (GB)	80	Width (inches/mm)	49.00	1,244.60	Price	N/A	N/A
Hard Drive Overwrite	Yes	Depth (inches/mm)	26.00	660.40	LCT	N/A	N/A
Ethernet Network Interface	10/100/1000BaseT	Weight (pounds/kg)	271.0	122.9	Finisher	Basic Office Finisher	
User Authentication	Yes	Power Consumption (watts)	1,330	Price	N/A	N/A	

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

Value	3.0	Copying	3.0	Scanning	3.0	Printing	3.5
Overall Score	32.5	Copier Score	22.5	Scanner Score	19.5	Printer Score	26.5
Full System Price	\$9,899.00	Duplex Document Feeder	<input checked="" type="checkbox"/>	Color Scanning	<input type="checkbox"/>	Print Processor (MHz)	1200
Black Cost per Page	\$0.0050	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 checked="" type="checkbox"/>	BW/Color Print Speed	45
Black TCO* (5k/mo)	\$11,385.25	Wirth Consulting Performance Ratings (from 0-5, with 5 being best)				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	3.0	Image Quality	3.5	Image Quality 3.5			
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 checked="" 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	3.5	Maintenance	3.0	Software	3.5	Ease of Use	3.5
Max Media Sources	6	Black Page Yield	30,000	Desktop Software	<input checked="" type="checkbox"/>	Usability Score	10.0
Max Wt. (bond, lbs.)	57.0	All-in-One Toner Cartridge	<input 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"/>			Open Platform	<input checked="" 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	\$126.50	30,000			\$295.00	400,000
Cyan Ink/Toner						
Magenta Ink/Toner						
Yellow Ink/Toner						
Multicolor Ink						
Other Type						
Other						
Maintenance Kit						

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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	\$3.305		\$9,913.86		
100 pages	\$1.655		\$9,928.73		
250 pages	\$0.665		\$9,973.31		
500 pages	\$0.335		\$10,047.63		
1,000 pages	\$0.170		\$10,196.25		
2,000 pages	\$0.087		\$10,493.50		
3,000 pages	\$0.060		\$10,790.75		
4,000 pages	\$0.046		\$11,088.00		
5,000 pages	\$0.038		\$11,385.25		

Consumables CPP

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

Black Cost Per Page
Black Consumables Cost per Page
\$0.0050
Color Cost Per Page
Color Consumables Cost per Page

Strengths

- Low cost per page of 0.5 cents.
 - Capable CentreWare network-management and remote-monitoring solution.
 - Open-development Extensible Interface Platform (EIP) for creating custom workflow and management applications that can be accessed at the touch screen.
 - Scan to: e-mail (Notes/Exchange; supports LDAP), home, network server/directory, hard drive, Windows XP client via WIA. Scan templates are also provided, as is a TWAIN driver.
 - Optional SMARTSend document-routing software, and optional Scan to PC Desktop Workgroup software for document management, archiving, and organization and for OCR.
 - Print on up to 110 lb. index stock via two standard paper drawers; print on up to 80 lb. cover via bypass tray. 75-sheet duplexing automatic document feeder rated at 60 opm.
 - Mobile Express print driver (automatically locate Xerox and non-Xerox devices, eliminating having to install multiple print drivers). Global Print Driver (enables IT to qualify, deploy and manage all print devices on the network using a single driver).
- OPTIONS (\$N/A): 10BaseT and 10Base2 Ethernet via adapter; Copier Assistant Software (operate touch screen/control panel from a computer workstation); Super Group 3 walkup fax, LAN fax, Internet fax; SMARTSend document-routing software; Scan to PC Desktop.
- FINISHING OPTIONS (\$N/A): Basic Office Finisher (30-sheet stapler; Office Finisher (50-sheet multi-position stapler); High-Volume Finisher with Booklet Making option (15-sheets); 2/3 hole document punch; V/Z/C-folding; Convenience Stapler; post-process inserting.

Limitations

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

Notes

- Consumables' pricing and yields shown are for OEM Xerox supply items ordered online via the Web.
- Toner is sold as a two-pack (30,000 pages each) and includes a waste toner bottle.

Best Use

Offices and mid to large-size workgroups, and enterprises, that require an A3 office MFP and have monochrome print, scan, and copy applications (optional fax), and who may also require the advanced workflow and print management capabilities provided by the EIP open-development platform. Also suitable for light production B/W output with its ability to print on up to 80 lb. cover (120 lb. index) and optional advanced document finishing.