

What You Should Know

Office Digital Imaging Product Evaluation

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Canon

imageRUNNER 3245i/3245

A3 B/W 40-49 PPM MFPs

Authorized dealers and Canon Business Solutions



Product Introduction



Canon's imageRUNNER 3245i/3245 feature standard network print and copy. The "i" model (\$12,000) features standard color network scanning (Color Universal Send); PCL and PostScript printing, scan security features, and an Advanced Feature Set (enhances document-transmission capabilities). This report is for the "i" version (base version lists at \$10,500). Both systems feature a standard 100-sheet DADF and support MEAP, which enables creation of embedded applications for Canon MFPs, and can be accessed via the touch screen. Both systems may also be extensively customized with options for document scanning and distribution, security options, document finishing, and options for the disabled.

Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	1,100	Price	\$12,000.00	€8,596.80	
Imaging Technology	Laser	Max Media Capacity (sheets)	4,950	Duplex	\$0.00	€0.00	
Monthly Duty Cycle (pages)	N/A	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)	1,280	Max Media Wt. (bond, lbs./gsm)	32.0	108.0	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	1,792	Height (inches/mm)	35.50	901.70	Media Trays	2 x 550-sheet drawers	
Hard Drive (GB)	60	Width (inches/mm)	22.25	565.15	Price	\$851.00	€609.66
Hard Drive Overwrite	Yes	Depth (inches/mm)	27.63	701.80	LCT	\$2,100.00	€1,504.44
Ethernet Network Interface	10/100/1000BaseTX	Weight (pounds/kg)	181.0	82.1	Finisher	Finisher S-1 (50 sheets)	
User Authentication	Yes	Power Consumption (watts)	1410	Price	\$1,230.00	€881.17	

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

Value	2.5	Copying	3.0	Scanning	3.0	Printing	3.0		
Overall Score	30.0	Copier Score	21.0	Scanner Score	19.0	Printer Score	24.0		
Full System Price	\$12,000.00	Duplex Document Feeder	<input checked="" type="checkbox"/>	Color Scanning	<input checked="" type="checkbox"/>	Print Processor (MHz)	400		
Black Cost per Page	\$0.0048	Touch Screen	<input checked="" type="checkbox"/>	Network Scanning	<input checked="" type="checkbox"/>	Maximum Memory (MB)	1,792		
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)	\$13,439.71	<div style="text-align: center;"> Wirth Consulting Performance Ratings (from 0-5, with 5 being best) </div>				Windows	<input checked="" type="checkbox"/> Linux	<input type="checkbox"/>	
Color TCO* (5k/mo)						Apple Mac	<input checked="" type="checkbox"/> PCL	<input checked="" type="checkbox"/>	
Mixed** TCO* (5k/mo)						GDI Printing	<input checked="" type="checkbox"/> PostScript	<input checked="" type="checkbox"/>	
*Base Price; **67% BW and 33% Color						Image Quality			3.5
						Imaging Technology	Laser		
Features	3.5	Max. Resolution	1200x1200						
USB Convenience Port	<input checked="" type="checkbox"/>	BW Office IQ	<input checked="" type="checkbox"/>						
Scanner	<input checked="" type="checkbox"/>	Color Office IQ	<input type="checkbox"/>						
Walk-Up Fax	<input checked="" type="checkbox"/>	Professional IQ	<input type="checkbox"/>						
LAN Fax	<input checked="" type="checkbox"/>	Photographic IQ	<input type="checkbox"/>						
Duplex Printing	<input checked="" type="checkbox"/>								
Network Printing	<input checked="" type="checkbox"/>								
Media Handling	2.5	Maintenance	2.5	Software	3.0	Ease of Use	3.5		
Max Media Sources	6	Black Page Yield	24,000	Desktop Software	<input checked="" type="checkbox"/>	Usability Score	9.0		
Max Wt. (bond, lbs.)	32.0	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 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	\$70.00	24,000			\$160.00	85,000
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	\$4.005		\$12,014.40		
100 pages	\$2.005		\$12,028.79		
250 pages	\$0.805		\$12,071.99		
500 pages	\$0.405		\$12,143.97		
1,000 pages	\$0.205		\$12,287.94		
2,000 pages	\$0.105		\$12,575.88		
3,000 pages	\$0.071		\$12,863.82		
4,000 pages	\$0.055		\$13,151.76		
5,000 pages	\$0.045		\$13,439.71		

Consumables CPP

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

Black Cost Per Page
Black Consumables Cost per Page
\$0.0048
Color Cost Per Page
Color Consumables Cost per Page

Strengths

- Low cost per page of 0.4 cents; standard 100-sheet duplexing automatic document feeder.
 - Color scan to: e-mail (supports 5 LDAP servers), Internet fax, SMB, File Server (FTP, IPX, WebDAV), hard-drive memory; and optional Super Group 3 Fax (\$950). Network TWAIN scan driver and Color Network ScanGear utility.
 - USB convenience port for print from and scan to USB memory drives.
 - imageWARE Enterprise Management Console for network management; Remote UI for client device monitoring/management.
 - Security includes IPv6, hard-drive erase and encryption
 - Supports MEAP (Multifunctional Embedded Application Platform) for creating embedded applications for Canon MFPs that can be accessed via the touch screen.
 - imageWARE Document Workgroup/Enterprise Manager (provides document retrieval, archival, records management and sharing)
- OPTIONS: IPsec (\$600); Encrypted Secure Print Software; Digital User Signature Kit (\$1,000); Bar-Code Printing (\$800); Remote Operator's Kit (\$300;operate control panel/touch screen from a computer workstation); Voice Guidance Kit (\$800) and Voice Operation Kit (\$1,800); Web Access (\$1,000; access and navigate the Web from touch screen); document finishing/stapling (\$1,230); Saddle-Stitch Finisher (\$4,000); Document Hole-Punch (\$670/\$850; one for Internal Fin. And one for External Finisher and Booklet Finisher); SG 3 fax (\$950); Workflow Composer (\$900;compresses complex touch-screen workflows into a single key); eCopy PaperWorks (\$N/A desktop software application that complements standard scan and capture technology).

Limitations

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

Notes

- The imageRUNNER 3245i's standard memory is 1 GB + 256 MB. Maximum memory is 1 GB + 768 MB.
- Canon does not disclose drum yield; yield was obtained via public Web sources. Cost per page varies and is at the discretion of authorized dealers.

Best Use

Offices and mid- to large-size workgroups, and enterprises that require an A3 office MFP and have monochrome network print, copy, and color scan applications (optional fax), and who may also require custom workflows, including advanced workflow and document-scanning/routing capability.