KEYPOINT INTELLIGENCE

BUYERS LAB 2021 BLI HIGHLY RECOMMENDED · TESTED ·

BLI Lab Test Report
A Comprehensive Keypoint Intelligence Lab Evaluation

Canon imageRUNNER ADVANCE DX 527iF

55 PPM MFP
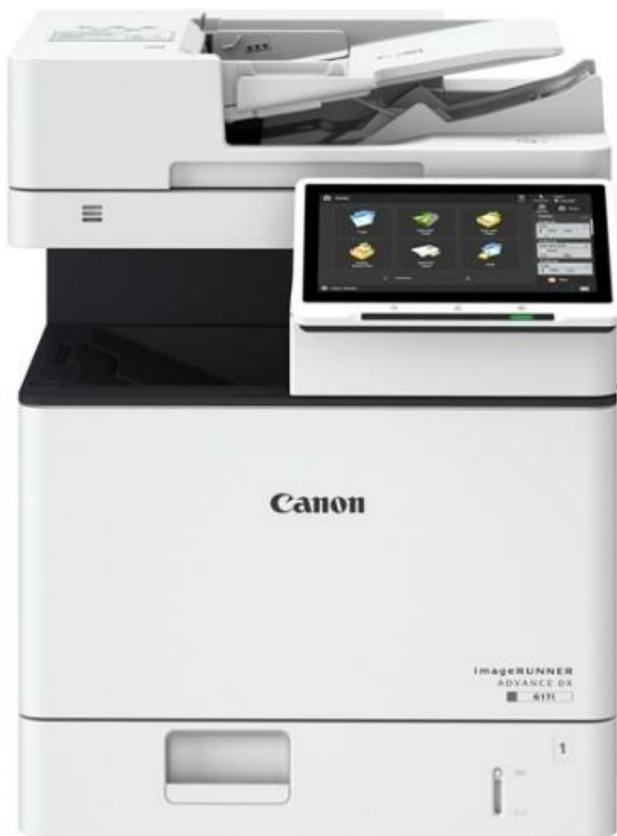
Reliability	**Excellent**
Value	**Excellent**
Cost Per Page	.46₵
Image Quality	**Good**
Black Print Quality	Good
Usability	**Very Good**
Serviceability/Management	Very Good
Walk-up Experience	Excellent
Workstation Experience	Very Good
Security	**Not Rated**
Specifications	**Very Good**
Speed	**Excellent**
Print Speed	Excellent
Scan Speed	Excellent
Copy Speed	Very Good

For more details on Image Quality, Usability, Security, Specifications, and Speed, visit this product's bliQ page and navigate to the Test Results section.

August 2021

OUR TAKE

The Canon imageRUNNER ADVANCE DX 527iF proved to be a great choice and value for mid-size to large workgroups seeking a monochrome MFP they can count on to keep them productive all throughout the day. In addition to flawless reliability and fast speeds, especially in scan mode, the device is so simple to use and maintain. It includes a large touchscreen with web browsing and extensive guidance on device operation and routine maintenance. The machine also proved to be a great fit for scan-intensive environments, delivering class-leading scan speeds in most tests and offering support for a wide range of file formats, including Microsoft Word and PowerPoint. Broad mobile and cloud support allows for productivity to extend beyond the workstation. And integration with a wide variety of apps and solutions via Canon's embedded MEAP platform can help to save businesses even more time and money. The model also offers robust security and device management via features like SIEM (Security Information and Event Management) system integration and whitelisting, as well as compatibility with imageWARE Enterprise Management Console and uniFLOW. All in all, the device gives workgroups above-average features and functionality for a cost per page that is well below average for models in this class, making for an excellent value proposition. Keypoint Intelligence highly recommends the Canon imageRUNNER ADVANCE DX 527iF for busy workgroups.

Canon imageRUNNER ADVANCE DX 527iF Fast Facts

SRP/Street Price	$3,894/None
Max Monthly Duty Cycle	Info not avail
Manufacturer's Recommended Monthly Volume	Info not avail
Rated Speed	55 ppm
Std Paper Source(s)	Single drawer
Std Paper Capacity	550 sheets
Paper Weights	16 to 36 lbs
Bypass/Paper Weights	100-sheet/16-lb bond to 73-lb cover
Max Paper Capacity	3,300 sheets
System Memory & Hard Drive (Std/Max)	3-GB RAM, 320-GB HD*/3-GB RAM, 320-GB HD
Document Feeder/Capacity	Std DSPF/100 orig
PDL/PCL	PCL 6, Adobe PostScript 3, UFR II
Scanner Technology	Proprietary image sensor
Scan Speed (Simplex/Duplex)	50 ipm color, 50 ipm black/100 ipm color, 100 ipm black
Specs at the time of publication.	

TEST DURATION: Two months, including a 75,000-impression durability test.

Please visit www.buyerslab.com/bliQ for more information.

BENEFITS

- Perfect reliability, standout usability, and fast speeds in numerous tests keep busy workgroups productive

- Excellent value proposition, offering an impressive performance and feature set for a cost per page that's significantly lower than the average of models in this class

- Large touchscreen with web browsing and extensive guidance on device operation and maintenance make walk-up tasks quick and easy to accomplish

- Well-organized, easy-to-navigate print drivers make workstation tasks very simple too

- Broad scan file format support (including Microsoft Word and PowerPoint) and lightning-fast duplex scan speeds make the device well-suited for scan-intensive environments

- Supports a wide range of mobile and cloud solutions for on-the-go productivity

- Connectivity to Canon and third-party software (through MEAP platform), which can help streamline workflows, as well as further reduce downtime and costs

- Robust security features, including integration with SIEM (Security Information and Event Management) systems and whitelisting, helping to keep your sensitive information secure

- Integration with imageWARE Enterprise Management Console and uniFLOW, which gives administrators an impressive level of control over device management, print costs, and document security

ADVANTAGES

- Class-leading scan speeds in most tests

- Fast speeds in most print tests and many copy tests

- Higher-than-average memory capacity, especially when compared to the standard capacities of in-class models

- Maximum paper capacity is among the highest of in-class models

- "iFZ" configuration includes a standard 500-sheet staple finisher, while some competitors don't offer finishing options

- Significantly higher-than-average rated toner yield compared to in-class models

- Low annual energy consumption helps reduce costs and environmental impact

- Low estimated user intervention rate compared to competitive models

LIMITATIONS

- Users have to be proactive to obtain device status from their workstations as this information is only available in

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the embedded web server

RELIABILITY

- The unit is certified Highly Reliable by Keypoint Intelligence, completing a 75,000-impression durability test with no misfeeds and no service calls required.

| Impressions Printed	75,000 impressions
Scanned Pages	7,500 impressions
Misfeeds	0
Misfeed Rate	Not applicable
Service Calls	0

VALUE

- While the device's upfront cost is slightly higher than average, cost per page is among the lowest of models in this class, translating to a notably lower-than-average total cost of ownership (when print volume is above 2,000 pages per month).

Tested Supplies Cost Per Page (in US Cents)

|	Black	Total Supplies CPP
Tested Model	.46₵	.46₵
Competitive Average		1.03₵

CPP is based on the manufacturer's declared yield (in accordance with ISO/IEC 19798 for color laser, 24711 for color ink, 19752 for black) and estimated street pricing for the cartridges. For color devices, average CPP assumes 50% of the pages printed are in black and 50% are in color. Total supplies CPP takes into account the rated yield and pricing for other consumables (starter cartridges, drums, developer units, waste containers, etc.) and is based on the total number of supplies and maintenance parts that would be required over 36 months (assuming 8,500 pages per month).

36-Month Lifecycle TCO Analysis
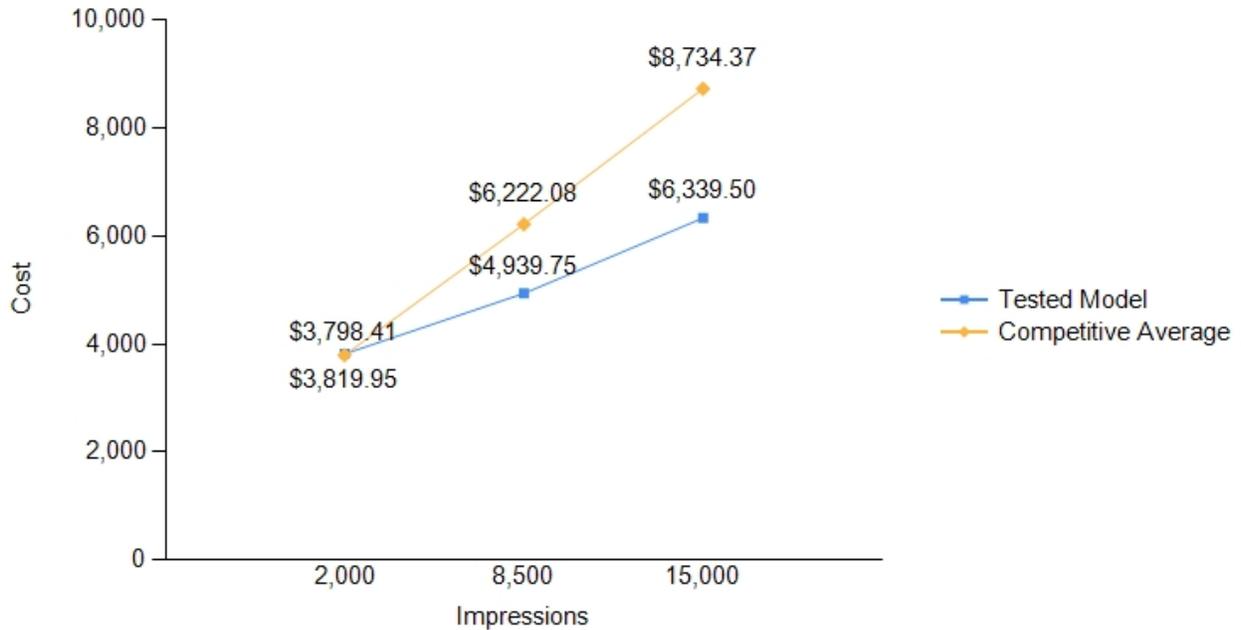
Values are in U.S. dollars. The pricing included in this TCO is provided from the manufacturer/distributor or obtained from the reseller websites at the time of publication (pricing may vary in other regions or at a later date). TCO includes total supplies CPP, plus the purchase price of the device multiplied out over 36 months, at stated monthly volumes. Costs for paper, power, and maintenance contracts aren't included in Keypoint Intelligence's pricing. Actual costs may vary based on a number of factors, including run lengths, page coverage, and percentage of color pages output. TCO information is intended to be used as a comparative price estimate and may not represent the prevailing price of the unit, accessories, and supplies/consumables in a particular location on any particular day.

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Estimated User Interventions (Over 36 Months)
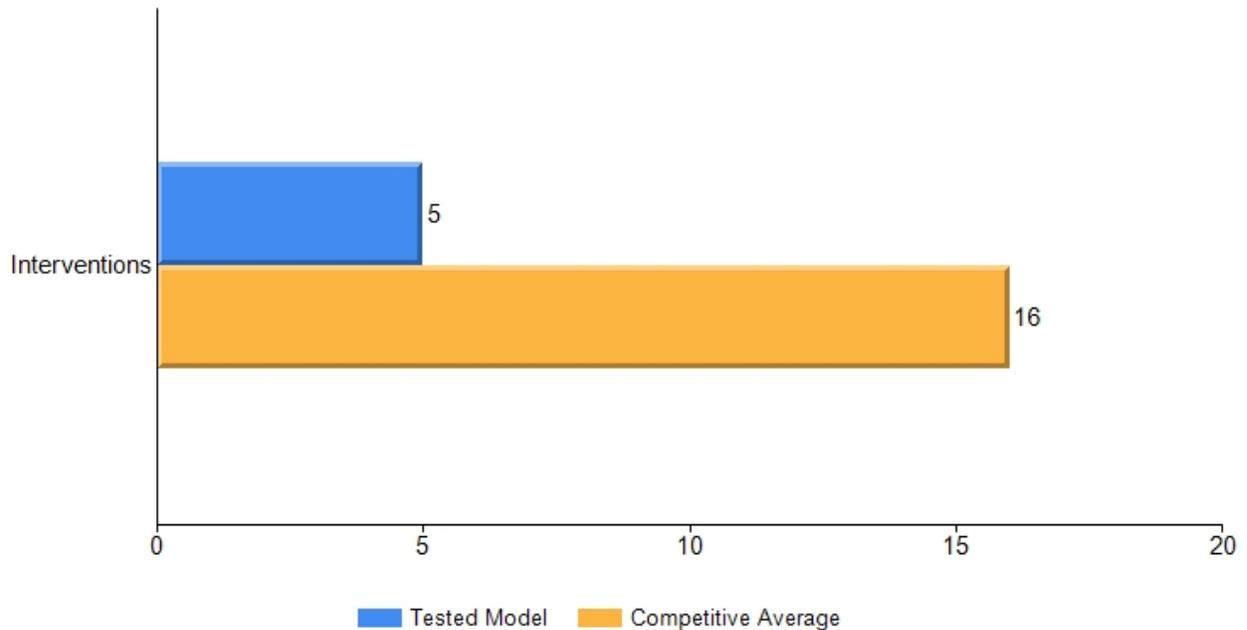
User interventions are calculated based on manufacturer's rated toner or ink yields (in accordance with ISO/IEC 19798 for color laser/24711 for color ink/19752 for black, as well as the manufacturer's rated yields for other consumables (drums, developer units, waste containers, etc.). Keypoint Intelligence calculates the total number of supplies and maintenance parts that would be required over 36 months (assuming 8,500 pages per month). Each individual cartridge or other consumable is counted as one intervention. Paper supply replenishments aren't included in Keypoint Intelligence's calculations. Depicted scenario is for illustrative purposes only. The actual number of interventions over three years will vary based on a number of factors, including (but not limited to) page coverage, run lengths, usage patterns, periods of inactivity, and calibrations performed.

SUPPORTING TEST DATA

Environment: Keypoint Intelligence's US lab is powered by dedicated circuits and monitored by two Extech humidity/temperature dataloggers, which ensure that typical office conditions are maintained.

Equipment: Dedicated test network in the US, consisting of Windows 2012, 2016, and 2019 servers; lab workstations that support Windows 7, 8, and 10 operating systems (virtual machine capability to allow support for Mac and legacy MS Windows operating systems); a Yokogawa power meter; 10/100/1000BaseTX network switches; and CAT5e/6 cabling.

Duration: Two months, a portion of which consists of a durability test where the product is run at half the manufacturer-rated maximum monthly volume, with 75% of the test volume comprised of print jobs and 25% comprised of copy jobs. Daily test usage is designed to replicate real-world use over an eight-hour workday and includes a mix of various-size documents; simplex and duplex modes; short, medium, and long run lengths; and on/off cycles, throughout the day.

Procedures: Testing includes proprietary and industry-standard test procedures and documents. The reliability test is conducted using Boise, NORPAC, and The Navigator Company paper in the US and Mondi paper in the UK. In both labs, 30% of the paper is recycled.

Configuration: Canon imageRUNNER ADVANCE DX 527iF

Competitive Average Model Group: "Competitive" is defined as comparably equipped models that support the same maximum paper size as the tested model, in the same speed range (+/-5 ppm), with a similar duty cycle and target market. Tested speed performance is compared to competitive devices in the speed range tested to date. For all other sections that have data analysis, comparisons are made against competitive devices in the speed range.

Note: This report is based on testing one representative test sample at a specific point in time. Keypoint Intelligence is not responsible for differences in performance that may be the result of lot-to-lot variation, changes in production and machine modifications implemented by the manufacturer, service issues, or any other reason beyond Keypoint Intelligence's control. Test unit serial #: 23D00695.

About Keypoint Intelligence: For 60 years, clients in the digital imaging industry have relied on Keypoint Intelligence for independent hands-on testing, lab data, and extensive market research to drive their product and sales success. Keypoint Intelligence has been recognized as the industry's most trusted resource for unbiased information, analysis, and awards due to decades of analyst experience. Customers have harnessed this mission-critical knowledge for strategic decision-making, daily sales enablement, and operational excellence to improve business goals and increase bottom lines. With a central focus on clients, Keypoint Intelligence continues to evolve as the industry changes by expanding offerings and updating methods, while intimately understanding and serving manufacturers', channels', and their customers' transformation in the digital printing and imaging sector.

CERTIFICATE OF RELIABILITY

Canon imageRUNNER ADVANCE DX 527iF

Anthony Sci

Anthony Sci, President and CEO

August 2021

Date

This is to certify that when subjected to a 75,000-impression Keypoint Intelligence durability test, the Canon imageRUNNER ADVANCE DX 527iF proved to be a highly reliable product.

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THE LEADING INDEPENDENT GLOBAL DOCUMENT IMAGING PRODUCT TEST LAB

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