

HP Officejet 6700 Premium e-All-in-One



Technology	Inkjet Printer (four individual ink tanks)
Duty Cycle	12,000 pages per month

Reliability Performance Test

TEST OVERVIEW

Buyers Lab's reliability performance test was conducted using the ISO/IEC 24712 five-page test target. Two HP Officejet 6700 Premium e-All-in-One models (designated as Test Unit A and Test Unit B) were tested for one month (20 business days) at daily print volumes that were based on the maximum monthly duty cycle of 12,000 pages, with varying per-diem print volumes as would be typical in real-world usage. Each machine was operated in default (normal) print mode, and any paper misfeeds/jams, multi-sheet feeding, misalignment/skewing, machine malfunctions, printhead failures, ink cartridge failures and print errors were recorded.

PERFORMANCE OVERVIEW

Both HP Officejet 6700 models gave solid printer reliability performances. Unit A completed the 12,000-impression test with just two misfeeds. Unit B did not experience a single misfeed. Further, no skewing, double-feeding or printhead problems occurred throughout testing.

In addition, the scanner/document feeder of each device was tested for an additional 2,400 impressions. Both devices performed well, completing testing without any misfeeds, skewing or problems other than an error message that was resolved by turning the device off and back on.

The Officejet 6700 Premium e-All-in-One inkjet printers performed impressively throughout testing, and are, as such, classified as Highly Reliable by BLI.

Test Data

Test Unit	A	B
Total pages printed	12,000	12,000
Total printer malfunctions encountered	None	None
Total misfeeds encountered	Two	None
Total multi-sheet feeding	None	None
Total misalignments/skewing	None	None
Total printhead failures	None	None
Total cartridge failures	None	None
Total printer errors	The device displayed a "Printer Failure – Turn Off and On" message; when OK was selected, the device resumed normal operation.	None
Total service calls required	None	None
Reliability Rating	Excellent	Excellent
Total pages scanned	2,400	2,400
Total misfeeds encountered	None	None
Total multi-sheet feeds	None	None
Total misalignments/skewing	None	None
Total scan errors	None	The device displayed a "Scanner Malfunction-Select OK" message; when OK was selected, a "Scanning" message appeared on the display but technicians could not cancel the job or resume operation of the device. Once the device was turned off and on, it resumed operation.
Reliability Rating	Excellent	Excellent

Supporting Test Data

Test Objective: Buyers Laboratory LLC (BLI), Hackensack, NJ (USA), was commissioned by Hewlett-Packard Singapore to conduct a one-month reliability test on two HP Officejet 6700 Premium e-All-in-One color inkjet printers. The objective of the test was to evaluate the reliability performance of the HP inkjet models when each was subjected to a 12,000-impression reliability test that also includes an additional 2,400-page scan test over a one-month period.

Test Environment: Testing was conducted in BLI's test facility located at 20 Railroad Avenue, Hackensack, NJ, and under ambient conditions of 68°F to 78°F and 45% RH (+/-10%), with daily conditions monitored by an Extech RH520 temperature/RH digital recorder and a Honeywell Model 61 Seven-Day Temperature/Humidity Chart Recorder.

Test Equipment: BLI's dedicated test network, consisting of a Windows 2003 server and Windows XP workstations, 10BaseT/100BaseTX network switches and CAT5 cabling.

Test Duration: Devices were tested for 12,000 impressions in print mode and 2,400 scans in scan mode over 20 working days, with varying per-diem volumes, including a mix of various-size documents; simplex and duplex modes; a mix of short, moderate and long run lengths; and on/off cycles.

About Buyers Laboratory LLC

Buyers Laboratory LLC (BLI) is the world's leading independent provider of analytical information and services to the digital imaging and document management industry. For over 50 years, buyers have relied on BLI to help them differentiate products' strengths and weaknesses and make the best purchasing decisions, while industry sales, marketing and product professionals have turned to BLI for insightful competitive intelligence and valued guidance on product development, competitive positioning and sales channel and marketing support. Using BLI's web-based bliQ and Solutions Center services, 40,000 professionals worldwide create extensive side-by-side comparisons of hardware and software solutions for over 15,000 products globally, including comprehensive specifications and the performance results and ratings from BLI's unparalleled Lab, Solutions and Environmental Test Reports, the result of months of hands-on evaluation in its US and UK labs. The services, also available via mobile devices, include a comprehensive library of BLI's test reports, an image gallery, hard to find manufacturers' literature and valuable tools for configuring products, calculating total cost of ownership (TCO) and annual power usage. BLI also offers consulting and private, for-hire testing services that help manufacturers develop and market better products and consumables.

For more information on Buyers Laboratory LLC, please call (201) 488-0404, visit www.buyerslab.com, or e-mail info@buyerslab.com.


CERTIFICATE OF RELIABILITY

Awarded to

HEWLETT-PACKARD COMPANY

for the performance of the

HP Officejet 6700 Premium e-All-in-One
in BLI's in-house durability test.



ANTHONY F. POLIFRONE
MANAGING DIRECTOR



JANUARY 2012

DATE

This is to certify that when subjected to a 12,000-impression Buyers Lab durability test in a networked environment, the HP Officejet 6700 Premium e-All-in-One proved to be a highly reliable product.

BUYERS LABORATORY LLC

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