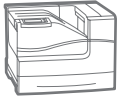


Xerox® Phaser®
6700
Letter-size
Color Printer



Xerox® Phaser® 6700 Color Printer Evaluator Guide



About this Guide

This Evaluator Guide introduces you to the Xerox® Phaser® 6700 color printer, and will help you throughout your evaluation process.

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Section 1: Evaluating Color Printers

Overview

Based on continuous study of our customers' productivity requirements, Xerox recommends that the following criteria be used when evaluating which color printer to purchase for your office.

Performance and Reliability

Does the printer deliver the high-end speed necessary to keep up with the demands of your busy workgroup? Does it include the processing muscle required to handle multiple complex jobs smoothly?

Design Flexibility

Does the printer offer multiple options and configurations that let you customize it according to your workgroup's needs? Is it easy to install, operate and maintain? Can it handle the different types of media users need for different jobs? Does it come standard with generous paper capacity, with the option to add paper trays to keep pace with your workload?

Cost-savings and Green Features

Is the printer value-priced, and does it continue to keep costs down with sensibly green conservation options?

Advanced Security

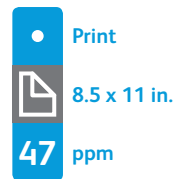
Does the printer have the security features necessary to meet your demands? Can it be password protected? Can it remove latent images from its hard drive? Are there features in place to safeguard confidential documents?

This section examines each of the evaluation criteria in greater detail, covering the specific features and performance attributes you should look for in a workgroup color printer. When the same criteria are used to evaluate every device under consideration, you'll see how the Phaser 6700 color printer excels against other manufacturers' products.

Xerox® Phaser® 6700

Quick Facts

- Print up to 47 ppm
- True 2400 x 1200 dpi
- Powerful 1.25 GHz processor
- Robust 120,000 pages/month duty cycle
- First page out time as fast as 7 seconds



Section 1: Evaluating Color Printers

Performance and Reliability

Printer performance can be measured in many ways. Ultimately, however, any evaluation should answer these questions: Can the printer increase the productivity of a large workgroup through sufficient print speed and long-term reliability?

How the Phaser 6700 color printer exceeds the performance and reliability requirements:

Print Speed

The Phaser 6700 printer delivers print speeds of up to 47 ppm color and black-and-white.

Processing Speed

The Phaser 6700 printer handles heavy workloads with ease, with a powerful 1.25 GHz processor that keeps pace with a steady flow of multiple users' print jobs, whether simple or complex, without delay.

First-page-out Time

First-page-out time is a key consideration in raw printer performance, particularly for jobs of three pages or less. The Phaser 6700 printer produces a print job's first page in as few as 8 seconds for color and 7 seconds for black-and-white.

No Delays

The advanced Print Around feature eliminates extended printing delays by holding a job in need of resources (such as a different paper size) and printing the next job in the queue, which means no waiting for critical/time sensitive print jobs (Productivity Kit required).

Print Quality

The Phaser 6700 printer delivers up to 2400 x 1200 dpi, which ensures sharp, easy-to-read text and images.

Engineered for Durability

The Phaser 6700 offers a duty cycle of 120,000 pages per month*, easily enough to handle the needs of most busy offices. And in the unlikely event that a repair is needed, you're covered by a one-year on-site warranty and the unmatched Xerox® Total Satisfaction Guarantee**.

Connectivity Options

The Phaser 6700 can be connected to a standalone PC, server or network via 10/100/1000Base-T Ethernet, USB 2.0, or optional wireless 802.11n adapter.

Industry-standard Support

The Phaser 6700 supports Adobe® PostScript® 3™, PCL® 6, PCL 5c and Direct PDF (with optional Productivity Kit). It also fully supports both Microsoft® Windows® and non-Windows platforms, including Linux and Apple® Macintosh.

Unicode Font Compatibility

The Phaser 6700 supports 173 PostScript fonts and 94 PCL® fonts.

Color By Words: Intuitive Color Enhancement

With Color By Words, there is no need to go back to square one and manipulate source files. You can change the color of one object or area without affecting the rest of the page. Simply select the desired color modifications from a drop-down list and your printout is automatically adjusted.



Original photo not right? Use the Color By Words drop-down list and choose "yellow-green colors a lot more green," and "red colors a lot more saturated." Picture-perfect results.

* Maximum volume capacity expected in any one month. Not expected to be sustained on a regular basis.

** North America only.

Section 1: Evaluating Color Printers

Design Flexibility

A printer needs to meet the evolving demands of its users. Design flexibility should be a key consideration when choosing a laser printer: Is the printer easy to set up and operate? Can the printer be easily expanded or upgraded as business needs change? Can it handle an increased workload, or large print jobs, when the needs arise? Can it handle the different types of media users need for different jobs?

How the Xerox Phaser 6700 color printer exceeds the design flexibility requirement:

Easy Setup and Operation

The Phaser 6700 printer features an easy-to-understand front console, and the device's automated setup process gets you printing in minutes.

Memory Expansion

If users must regularly print a high volume of large, complex files, the printers' standard 1 GB of memory can be expanded to 2 GB with the optional memory upgrade.

Media Support

The Phaser 6700 printer can handle the diverse media needs of most offices. It includes built-in paper capacity of 700 sheets, expandable to an optional 2,900 sheets.

Standard Trays:

- The convenient 150-sheet Multipurpose Tray (Tray 1) allows a variety of custom sizes, from 3 x 5 in. to 8.5 x 14 in. (76 x 127 mm to 216 x 356 mm).
- Tray 2 supports up to 550 sheets in custom sizes from 3.9 x 7.5 in. to 8.5 x 14 in. (99 x 191 mm to 216 x 356 mm).

Optional Trays:

- Up to two additional 550-sheet trays*, each supporting up to 550 sheets in custom sizes from 3.9 x 7.5 in. to 8.5 x 14 in. (99 x 191 mm to 216 x 356 mm) (One additional 550-sheet tray standard on DT).
- Additional 1,100-sheet Feeder* supports up to 1,100 sheets in custom sizes from 3.9 x 7.5 in. to 8.5 x 14 in. (99 x 191 mm to 216 x 356 mm) (Standard on DX).

Media Weights:

- All Trays: 16 lb. bond to 80 lb. cover / 60 to 220 gsm.
- Two-sided output: 16 lb. bond to 80 lb. cover / 60 to 220 gsm.

Media Types

All trays accept a diverse range of media types, including plain paper, pre-punched, transparencies, preprinted, heavyweight, glossy, recycled, labels, and cardstock.

Paper Output

Phaser 6700DN, 6700DT and 6700DX configurations include automatic two-sided printing as a standard feature. Standard paper output capacity is 500 sheets. Plus, the following output option further expands the Phaser 6700 printer's flexibility:

- Office Finisher: 1,000-sheet stacker, up to 50-sheet stapling.

Toner Cartridge Capacity

The Phaser 6700 printer offers a standard toner cartridge with a 7,100-page yield for black and 5,000-page yield each for Cyan, Magenta and Yellow**. For heavier workloads, a 18,000-page high-capacity** black toner cartridge or 12,000-page each for Cyan, Magenta and Yellow toner cartridges are also available.

Xerox® Office Services

Xerox offers a host of productivity-enhancement services for managing an office's document output and asset infrastructure. Such services deliver measurable business results by leveraging a powerful set of office technologies, business processes, methodologies and software tools to reduce costs and improve productivity. These offerings are summarized in Section 2 of this guide.

* When combined, the 550-sheet trays and 1,100-sheet Feeder give the Phaser 6700 a total paper capacity of 2,900 sheets.

** Average standard pages. Declared yield in accordance with ISO/IEC 19798. Yield will vary based on image, area coverage and print mode.

Section 1: Evaluating Color Printers

Cost-Savings and Green Features

How does a printer put you on a path to increased cost-savings and a greener workplace? Does it have a lower total carbon footprint over the product lifecycle? Does it produce less waste? Can you get consistent image quality on environmentally friendly media?

How the Phaser 6700 color printer exceeds the cost savings and green-features requirements:

Reduced Paper Consumption

Highly efficient, no-hassle two-sided printing saves money and paper. Phaser 6700DN, 6700DT and 6700DX configurations include standard automatic two-sided printing. Plus, N-up printing helps you extend your paper conservation by grouping multiple pages on a single sheet – perfect for printing Microsoft® PowerPoint® presentations.

Lower Monthly Energy Bills

The Phaser 6700 printer supports the highest ENERGY STAR® standards for power-saving (DN, DT and DX configurations).

EA Toner

Xerox® EA Toner fuses at a much lower temperature, and reduces power consumption by up to 20% and CO₂ emissions by up to 35%, compared to conventional toner.

Earth-smart Print Driver

Our innovative new Earth Smart feature allows you to choose the most environmentally sensitive options for your job. Earth Smart print driver defaults can be set to include two-sided printing, proof print, recycled paper and draft mode.

Section 1: Evaluating Color Printers

Security

What types of security requirements are critical to your business? Does the printer have the security features necessary to meet your demands? Can the printer be password protected? Can it remove latent images from its hard drive? Are there features in place to safeguard confidential documents?

How the Xerox Phaser 6700 printer exceeds the security requirements:

Integrated Security

In today's business environment, security is a critical competency. The technology you deploy within your office must include a comprehensive set of capabilities to safeguard your business critical data against all potential vulnerabilities. The Phaser 6700 printer features advanced security technologies designed to protect your confidential information from all points of access.

Document

- **Secure Print** – holds print jobs until released for printing at the device by the job owner entering his or her unique PIN (requires Productivity Kit).

Device

- **Audit Log** – tracks printing activities by user, time and date.

Hard Drive

- **Data Encryption** – provides an additional layer of security against unauthorized users.
- **Image Overwrite** – electronically “shreds” data stored on the printer’s optional hard drive using an algorithm specified by U.S. Department of Defense Directive 5200.28-M (requires Productivity Kit with Hard Drive).
- **Encryption** – 256-bit encryption using the FIPS 140-2 standard.

Network

- **IEEE 802.1X Protocol** – ensures devices connected to the network are properly authenticated.
- **IPsec** – Internet Protocol Security (IPsec) authenticates remote users and requires the encryption of transmitted data.
- **IPv6** – Internet Protocol version 6 (IPv6) integrates the IPsec suite of protocols to securely route network traffic and identify network-connected devices.
- **Secure Data Protocols** – secure network communications with industry standards including HTTPS (SSL), SNMPv3, and IPsec.

Section 2: Configuration Summary, Specifications, Supplies and Support Resources

Configuration Summary



		Phaser 6700N	Phaser 6700DN	Phaser 6700DT	Phaser 6700DX
Speed		Up to 47 ppm color / 47 ppm black-and-white			
Duty Cycle		Up to 120,000 pages / month ¹			
Paper Handling	Paper Input	Standard	Tray 1 (MPT): 150 sheets; Custom sizes: 3 x 5 in. to 8.5 x 14 in. / 76 x 127 mm to 216 x 356 mm		
		Optional	Tray 2: 550 sheets; Custom sizes: 3.9 x 7.5 in. to 8.5 x 14 in. / 99 x 191 mm to 216 x 356 mm		
		Optional	Additional 550-sheet Tray: Custom sizes: 3.9 x 7.5 in. to 8.5 x 14 in. / 99 x 191 mm to 216 x 356 mm	Standard	Optional
			Additional 550-sheet Tray: Custom sizes: 3.9 x 7.5 in. to 8.5 x 14 in. / 99 x 191 mm to 216 x 356 mm		Optional
			Additional 1,100-sheet Feeder: Custom sizes: 3.9 x 7.5 in. to 8.5 x 14 in. / 99 x 191 mm to 216 x 356 mm		Standard
Paper Output	Standard	500 sheets			
	Optional	Office Finisher: 1,000-sheet stacker, 50-sheet stapling			
Automatic Two-sided Printing		NA	Standard		
Print					
First-page-out Time		As fast as 8 seconds color / 7 seconds black-and-white			
Resolution (max)		Up to 2400 x 1200 dpi			
Processor		1.25 GHz			
Memory (std / max)		1 GB / 2 GB			
Connectivity		10/100/1000Base-T Ethernet, USB 2.0, Optional external wireless, Apple Bonjour®			
Page Description Languages		Adobe® PostScript® 3™, PCL® 6 / PCL® 5c emulation, Direct PDF (with optional Productivity Kit)			
Print Features	Standard	Earth Smart driver settings, Color By Words, Collation, Bi-directional driver, Smart Duplex, Layout/watermark			
	Optional	Productivity Kit: 160 GB hard drive: Print Around, Secure Print, Personal Print, Sample Set, Hard Disk Overwrite, Form / Font Storage			Standard
Security		SSLv3, IPsec, 802.1X Authentication, HTTPS, IPPS, SMTP Authentication, IPv6, SNMPv3, IP Filtering, 256-bit encryption, Image Overwrite ² , FIPS 140-2			
Warranty		One-year on-site warranty, Xerox® Total Satisfaction Guarantee			

¹ Maximum volume capacity expected in any one month. Not expected to be sustained on a regular basis. ² Requires Productivity Kit with Hard Drive.

Section 2: Configuration Summary, Specifications, Supplies and Support Resources

Specifications and Supplies

	Specifications
Device Management	<p>Xerox® CentreWare® Internet Services CentreWare Web Email alerts Cloning PhaserSMART® Job Accounting Usage Analysis Print Job Tracker WebJet Admin Interface Tivoli Apple® Bonjour</p>
Print Driver Support	<p>Windows® XP, 2003 Server, 2008 Server, Vista, 7 Mac OS® 10.5 and higher Oracle® Solaris 9, 10 RedHat® Enterprise Linux 4/5 Fedora Core 11-13 SUSE® 11.x IBM AIX 5™ HP-UX® 11.0/11.i Novell® NetWare® 5.x, 6.x Open Enterprise Server</p>
Media Handling Supported Sizes and Weights	<p>Tray 1 (MPT): 16-40 lb. bond to 50-80 lb. cover / 60-220gsm Tray 2 and Additional 550-sheet trays: 16-40 lb. bond to 50–80 lb. cover / 60-220 gsm 1,100-sheet Feeder: 16-40 lb. bond to 50-80 lb. cover / 60-220 gsm Two-sided output: 16-40 lb. bond to 50-80 lb. cover / 60-220 gsm Media types: Plain paper, Pre-printed, Recycled, Heavyweight, Letterhead, Hole-punched, Cardstock, Heavyweight cardstock, Glossy, Heavyweight glossy, Labels, Envelopes, Transparencies, Custom</p>
Operating Environment	<p>Temperature: Storage: -4° to 104° F / -20° to 40° C Operating: 50° to 90°F / 10° to 32°C Humidity: 10% to 85 % Sound pressure levels: Printing: less than 59 dB(A); Standby: less than 26 dB(A) Sound power levels: Printing: less than 7.3 B(A); Standby: less than 4.11 B(A) Warm-up time (from sleep mode): 35 seconds</p>
Electrical	<p>110-127 VAC, 50/60 Hz, 12 A; Power consumption: Avg. Operations: 637 W, Standby: 116 W, Sleep: 6 W 220-240 VAC, 50/60 Hz, 6 A; Power consumption: Avg. Operations: 672 W, Standby: 118 W, Sleep: 8 W; ENERGY STAR® qualified (DN, DT, DX configurations)</p>
Dimensions	<p>6700N/DN: 22 x 20.3 x 16.9 in. / 560 x 516 x 429 mm, Weight: 93 lbs. / 42.2 kg 6700DT: 22 x 20.3 x 22.2 in. / 560 x 516 x 563 mm, Weight: 114 lbs. / 52 kg 6700DX: 22 x 20.3 x 30.7 in. / 560 x 516 x 780 mm, Weight: 138 lbs. / 62.8 kg</p>
Agency Approvals	<p>FCC Part 15, Class A Listed UL 60950-1/CSA 60950-1-07 CE Marking applicable to Directives 2004/108/EC and 2006/95/EC GOST Section 508 ADA ENERGY STAR® qualified (DN, DT, DX configurations)</p>

Section 2: Configuration Summary, Specifications, Supplies and Support Resources

Specifications and Supplies (continued)

	Description	Details	Order Number	
Supplies	Standard-Capacity Toner Cartridges	Black: 7,100 pages ¹	106R01506	
		Cyan: 5,000 pages ¹	106R01503	
		Magenta: 5,000 pages ¹	106R01504	
		Yellow: 5,000 pages ¹	106R01505	
	High-Capacity Toner Cartridges	Black: 18,000 pages ¹	106R01510	
		Cyan: 12,000 pages ¹	106R01507	
		Magenta: 12,000 pages ¹	106R01508	
		Yellow: 12,000 pages ¹	106R01509	
		Staples (3-boxes)		008R12941
		Staple Cartridge		008R12964
Routine Maintenance Items	Cyan Imaging Unit: 50,000 pages ²		108R00971	
	Magenta Imaging Unit: 50,000 pages ²		108R00972	
	Yellow Imaging Unit: 50,000 pages ²		108R00973	
	Black Imaging Unit: 50,000 pages ²		108R00974	
	Waste Cartridge: 25,000 pages ²		108R00975	
Options	550-sheet Tray		097S04150	
	1,100-sheet Tray		097S04151	
	Stand		097S04552	
	2 GB Memory		097S04396	
	Productivity Kit with Hard Drive		097S04179	
	Office Finisher	– 1,000-sheet stacker, 50-sheet stapling	097S04152	
	Wireless Network Adapter	– N. America Power Converter	097S03740	
		– European Power Converter	097S03741	
		– UK Power Converter	097S03742	

¹ Average standard pages. Declared Yield in accordance with ISO/IEC 19798. Yield will vary based on image, area coverage and print mode.

² Approximate pages. Declared yield based on an average job size of 4 A4-/letter-size pages. Yield will vary depending on job run length and media size and orientation.

Section 2: Configuration Summary, Specifications, Supplies and Support Resources

Support Resources

Unrivaled Service and Support

Behind every Xerox product is a large network of customer support that's unrivaled in the industry and available when you need it. Xerox service professionals use leading-edge technologies to keep you up and running. They're even linked to the engineers who designed your product, so you can be confident when you choose Xerox. And genuine Xerox supplies are always readily available.

Total Satisfaction Guaranteed

The exclusive Xerox Total Satisfaction Guarantee*, recognized as unique in the industry, covers every Phaser device that has been continuously maintained by Xerox or its authorized representatives under a Xerox express warranty or Xerox Maintenance agreement. You decide when you're satisfied.

Xerox® Office Services Support

Asset Management Services

- **Asset Optimization and Tracking** – Process and tools to optimize an enterprise's office output infrastructure and reduce hard costs.
- **Break-Fix Management** – Single point of ownership and management for break-fix service of all brands of office output devices, regardless of manufacturer.
- **Supplies Management** – Process and tools to procure, monitor and replenish all document-related supplies proactively.

Imaging and Output Management Services

- **Output Management** – Single point of management of office output from all output devices, regardless of manufacturer.
- **Image Capture and Workflow** – Cost-efficient solutions for capturing, managing, retrieving and distributing information into digital repositories.

Support Services

- **Technology Procurement and Deployment** – A creative and flexible end-to-end print/computer product acquisition solution that uses a single-point-of-contact model while lowering the total cost of acquisition.
- **Help Desk Services** – A broad range of enterprise services, managed through a centralized single point of contact and delivered through either an on-site or off-site model.
- **End User Services** – Microsoft software implementation, IT project consulting, and customer education.

Access Managed Services

- **Student and Library Patron Access** – Custom designed and implemented customer-managed solutions.

Additional Information Sources

Phaser 6700 Front Panel:

- The front panel offers tools and information pages to help with machine setup, feature selections, operational problems, and media feed and supply issues.

Customer Documentation:

- Installation Guide
- Quick Use Guide
- Software and Documentation CD-ROM
- Warranty Booklet

On the Web:

Visit www.xerox.com/office for:

- Product, supplies, and support information
- Downloading drivers
- Finding your local reseller
- Online documentation

Visit www.xerox.com/office/support for:

Support and service information, including the same troubleshooting Knowledge Base used by Xerox Customer Support staff to provide the latest technical information on:

- Application issues
- Errors
- Print-quality issues
- Troubleshooting

* Available in North America only.

Section 2: Configuration Summary, Specifications, Supplies and Support Resources

Support Resources

Color printers often look the same from the outside. Based on a quick look at speeds, feeds, and print resolution specifications, it is tempting to conclude that most color printers are basically equal. We invite you to evaluate the Phaser 6700 using these criteria, and compare it against its closest competitors. We believe you'll find that the Xerox® Phaser 6700 color printer offers a unique set of features, delivers exceptional benefits, and will exceed your expectations.

	Phaser® 6700	Competitor 1	Competitor 2
Installation and Deployment			
Xerox® Global Print Driver®: single print driver for IT to deploy and manage products regardless of manufacturer	✓		
Xerox® Mobile Express Driver®: single print driver for mobile workers to print to network printers, regardless of manufacturer	✓		
Clone network configuration	✓		
Driver defaults: set driver settings by application	✓		
Automatic supplies replenishment	✓		
Automatic meter reads	✓		
Productivity and Versatility			
Maximum Paper Capacity	2,900		
Print Around feature: prints next job in queue when a job requires resources	Optional		
Color Touch Screen UI	✓		
Color By Words	✓		
Finishing option	✓		
Environmental			
ENERGY STAR® qualified	✓		
Security			
Secure Print	Optional		
Standard Data Encryption	✓		
Standard Image Overwrite	Optional		
FIPS 140-2	✓		

Questions? Comments? Problems?

For more information about the Xerox® Phaser® 6700 call **1-877-362-6567** or visit us on the web at www.xerox.com/office.

