

**XEROX**<sup>®</sup>

Technology | Document Management | Consulting Services

Phaser<sup>®</sup> 6110



color laser printer

# Phaser<sup>®</sup> 6110 Evaluator Guide



**ABOUT THIS GUIDE**

*This guide will introduce you to the Xerox Phaser® 6110 color printer, and aid you in your printer evaluation process.*

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## SECTION 1

# Introducing the Xerox Phaser® 6110 Color Laser Printer

## PRODUCT OVERVIEW

More than ever, busy small businesses are depending on technology to get their jobs done – and the smart ones look for ways to increase efficiency with minimal investment. The Xerox Phaser 6110 color laser printer is that kind of investment, offering an affordable upgrade from business inkjet printers that can support your day-to-day activities in a small, space-saving package.

### So Much for So Little

For individual professionals, or small groups of two to five professionals, the Phaser 6110 is an excellent entry-level color printer option. With black-and-white print speeds as fast as 17 ppm for letter-size pages (16 ppm for A4-size pages), the Phaser 6110 can support your daily business while also providing convenient color printing capabilities when you need them. The combination of print speed, professional print quality and low starting price make the Phaser 6110 a high-value solution for small business.

### Size and Features that Fit

If you work in a small business, odds are that you work in an office where space is limited. The technology that you choose to bring into your office needs to be smartly designed and space efficient. The Phaser 6110 has a small footprint with dimensions of 15.4 in. (390 mm) wide by 13.6 in. (344 mm) deep by 10.4 in. (265 mm) high, and is lightweight at just 30 lbs (13.6 kg). Quiet operation, even when printing, makes the Phaser 6110 a strong choice for small offices.

### Ready to Go to Work

The Phaser 6110 is ready to work when you are. It starts when the printer is delivered to your office – simple to unpack and setup, and with as few as four clicks required for installation the Phaser 6110 is quickly up and running. Software utilities included with the Phaser 6110 help you keep your printer running smoothly and monitor the printer over your network. Xerox Status Monitor proactively advises users when the printer requires attention to complete a print job – whether it needs paper to be loaded or a new toner cartridge is required. The Phaser 6110 is also backed by a one-year warranty and the Xerox Total Satisfaction Guarantee, protecting your investment and guaranteeing the quality of your printer.



*Phaser 6110*

## CONFIGURATIONS AND OPTIONS

The Phaser 6110 comes packed with features required to support busy individual professionals.



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### PHASER® 6110 STANDARD FEATURES

- Black-and-white print speed up to 17 ppm (letter) / 16 ppm (A4)
- Color print speed up to 4 ppm
- First-page-out-time as fast as 14 seconds black-and-white, 26 seconds color
- 300 MHz processor
- 32 MB memory
- Supported paper sizes from 3 x 5 in. (76 x 127 mm) to 8.5 x 14 in. (216 x 356 mm)
- Support paper weights from 16 to 43 lb. bond (60 to 163 gsm)
- Supported media types include plain paper, envelopes, labels, card stock and transparency
- 150-sheet paper capacity
- 100-sheet output capacity
- USB 2.0 connectivity
- Support for Microsoft® Windows® (Windows 98/Me/2000/XP/2003), Apple® Mac OS (10.3.X/10.4.X), and Linux operating systems
- Xerox Status Monitor
- Quiet operation, under 5.6 (B) LWA when printing
- Backed by one-year warranty and Xerox Total Satisfaction Guarantee



## PHASER® 6110N STANDARD FEATURES

*The Phaser 6110 comes with all the features of the Phaser 6110, with additional features to support multiple users.*

- 10/100 BaseTX Ethernet connectivity
- 64 MB memory
- CentreWare® Web and CentreWare® Internet Services web-based management utilities

## PHASER® 6110 SUPPLIES

*Consumables for the Phaser 6110 are easy to install and do not require a service call to replace.*

- Black toner cartridge: Approximately 2,000 pages<sup>1</sup>
- Color toner cartridges (one each for cyan, magenta and yellow): Approximately 1,000 pages<sup>1</sup>
- Imaging Kit: Approximately 20,000 black pages<sup>2</sup> or 12,500 color pages<sup>2</sup>
- Waste Toner Bottle: Approximately 5,000 images

Product ships with starter toner cartridges with capacities of approximately 1,500 pages<sup>1</sup> (black) and 700 pages<sup>1</sup> (cyan, magenta, yellow).

<sup>1</sup> Declared yield based on 5% area coverage on A4/letter size page. Yield will vary based on image, area coverage and print mode.

<sup>2</sup> Yield will vary depending on job run length, media size and orientation.

## Section 2

# Evaluating Color Laser Printers

## EVALUATION CRITERIA

Entry-level color laser printers must excel in a few key areas to successfully meet the needs of small business/small office environments. The printer must be able to support the day-to-day operations of the office, meaning that despite the affordable purchase price the printer must feature performance to support one to five busy professionals. The printer must deliver this value in a small package – to comfortably fit in your office without requiring extra space. The printer also has to be user friendly and easy to use – most small businesses do not have IT resources at their disposal, meaning employees must be able to keep the printer running without becoming technical experts.

This section of the Evaluator Guide will look at each of these areas, and suggest ways you can evaluate printers against these requirements. Do this for all the color laser printers you are considering and you'll see how the Phaser 6110 exceeds expectations on all counts.

## EVALUATE VALUE

Does the combination of entry level price and performance meet the needs of your small business? Will the black-and-white print quality meet your day-to-day printing needs, and does the color print quality give your company the professional appearance you need to present your clients? Does the printer deliver advanced printing features to increase your productivity, and include media support you need to run your business?

THE XEROX  
ADVANTAGE

### HOW THE PHASER 6110 EXCEEDS THE VALUE REQUIREMENT:

#### PERFORMANCE

The Phaser 6110 is capable of supporting your day-to-day black-and-white printing requirements with up to 17 ppm printing speed for letter-sized black-and-white documents (up to 16 ppm for A4-sized documents). Suitable for occasional color printing, the Phaser 6110 brings convenient color printing into your office with up to 4 ppm color printing speed. The 300 MHz processor and standard 32 MB of memory in the Phaser 6110 contribute to the 14 second black-and-white / 26 second color first-page-out-times, and enable the Phaser 6110 to adeptly handle busy print queues and complex print jobs.

#### ADVANCED PRINTER FEATURES

The Phaser 6110 is packed with advanced features that would more commonly be found on higher-end printers. Advanced features delivered in the Phaser 6110 include:

- Booklet Printing – Formats printed documents for folding into booklets
- Custom Page Sizes – Sets custom page sizes to support specialty media
- Fit to Page – Automatically resizes documents to a new page size



- N-Up Printing – Prints multiple pages of document to each page
- Poster Printing – Enlarges image by printing onto multiple sheets of paper
- Watermarks – Adds “Confidential,” “Draft,” or custom titles to a printed document



### PAPER SUPPORT

The Phaser 6110 can handle a variety of media sizes, weights, and types to support the range of documents you print as part of your company’s daily business.

The printer has a single paper tray that holds up to 150 sheets of paper, with support for:

- Paper Size – Supported sizes include A4, letter, legal, folio, oficio, executive, ISO B5, JIS B5, and custom sizes ranging from 3 x 5 in. (76 x 127 mm) to 8.5 x 14 in. (216 x 356 mm).
- Paper Weight – Supported weights ranging from 16 to 43 lb. bond (60 to 163 gsm).
- Paper Types – Supported media types include plain paper, envelopes, labels, transparencies, and card stock.

## EVALUATE FOOTPRINT AND CONFIGURABILITY

Once you’ve found a printer that can support your performance requirements, you need to ensure it will be a good fit in your environment. Is the printer designed to be a good fit in small business environments? Does the printer include connectivity options to support individual or shared environments?

THE XEROX  
ADVANTAGE

### HOW THE PHASER 6110 EXCEEDS THE FOOTPRINT AND CONFIGURABILITY REQUIREMENT:

#### SMALL COMPACT DESIGN

At just 15.4 in. (390 mm) wide, 13.6 in. (344 mm) deep and 10.4 in. (265 mm) high – the Phaser 6110 has the smallest footprint in its class and is a great option for space-constrained office environments. At 30 lbs. (13.6 kg), it is also the lightest printer in its class. This adds up to make the Phaser 6110 a printer that can be easily deployed onto a desktop for an individual user, or onto a tabletop as a shared printer for multiple users.

#### SMALL OFFICE READY

Being small office ready isn’t just about having a small, lightweight form-factor – other factors include noise-levels generated by the printer and how supplies are accessed and replaced. The Phaser 6110 generates less than 5.6 (B) L<sub>WA</sub> when printing and less than 3.5 (B) L<sub>WA</sub> when in standby mode – among the lowest noise levels in its class. The commonly replaced consumables of the Phaser 6110 – including toner cartridges, waste toner cartridge and paper – are accessed via the front of the printer, making supplies easy to replace without needing to move the printer.



### CONNECTIVITY OPTIONS

The Phaser 6110 offers you two configuration options, giving you the option of having USB 2.0 connectivity to a single computer or having built-in 10/100 BaseTX Ethernet connectivity for shared printing over your network.

## EVALUATE USER FRIENDLINESS

Printers designed for small businesses must be easy enough for non-technical employees to set-up and install. Further, because most small and medium-sized business have limited or no IT support, printers deployed into their offices must be easy to use and simple to manage on an ongoing basis.

### EASY TO SETUP AND INSTALL

At just 30 lbs., the Phaser 6110 is light enough for an individual to unpack the printer and place it into its location in your office. Once the printer is in place, plug in the power and connectivity cables and turn on the printer. Using the included installation CD you will be able to install driver software for your Phaser 6110 onto your computer in as few as four clicks – getting you up and running quickly and easily.



*The Phaser 6110 top control panel*



## **EASY TO USE**

The Phaser 6110 uses print drivers that are intuitive and make the most commonly used features easily accessible – making it easy for employees to learn and use on a daily basis. Xerox Status Monitor software proactively advises you when your print job has been interrupted, and gives you the information you need to quickly resolve the issue – whether the printer needs a new toner cartridge or to have a paper jam cleared.

## **EASY TO MANAGE**

Xerox delivers a set of software utilities with the Phaser 6110 to simplify ongoing management, even in small office environments where access to IT resources is often limited. Xerox management tools include:

- Xerox CentreWare Internet Services – Network-enabled configurations of the Phaser 6110 include CentreWare Internet Services, an embedded web server that allows you to connect to the printer through a standard web browser on your computer to monitor printer status, view the job queue, manage settings and properties, and find troubleshooting and support information.
- Xerox CentreWare Web – For small businesses that have multiple network-connected printers and multifunction systems, CentreWare Web is a valuable tool for managing all of the devices on your network – regardless of vendor. CentreWare Web can help you install, troubleshoot, configure and track the usage of all of your printing systems through a standard web browser on your computer.



## SECTION 3

# Configurations, Specifications, Supplies, Support and Additional Information Sources

### PHASER 6110 CONFIGURATION SUMMARY



	Phaser 6110	Phaser 6110N
<b>Speed</b>	Up to 4 ppm (Letter and A4) Color, 17 ppm (Letter) / 16 ppm (A4) Black-and-White	
<b>Duty Cycle</b>	Up to 24,200 pages / month	
<b>Paper Handling</b>		
Paper Input	<b>Tray 1:</b> 150 sheets, Size: Custom sizes from 3 x 5 in. / 76 x 127 mm to 8.5 x 14 in. / 216 x 356 mm	
Paper Output	100 sheets	
<b>Print</b>		
First-Page-Out Time	As fast as 26 seconds Color / 14 seconds Black-and-White	
Processor / PDL	300 MHz / Host Based	
Connectivity	USB 2.0	USB 2.0, Ethernet 10/100 BaseTX
Memory	32 MB	64 MB
Print Features	Xerox Status Monitor, Watermarks, Booklet Printing, Poster Printing, N-Up, Custom Page Sizes, Fit to Page, Scaling, Overlays, Built-in Support Links, Black and White only Print Mode	
		Embedded Web Server
<b>Warranty</b>	One Year Warranty, Xerox Total Satisfaction Guarantee	

**PHASER 6110  
DETAILED SPECIFICATIONS**

<b>Device Management</b>	CentreWare Internet Services, CentreWare Web, Xerox Status Monitor
<b>Print Drivers</b>	Windows 98/Me/NT 4.0*/2000/ XP/2003, Mac OS 10.3-10.4, Linux: Caldera® Open Linux™ 3.1 and above, Mandrake™ 8.0 and above, Red Hat® Linux 7.1 and above, Slackware® 8.1 and above, SUSE® Linux 7.1 and above, Turbolinux™ 7.0 and above
<b>Media Handling</b>	Tray 1: 16 to 43 lb. bond / 60 to 163 gsm Media Types: Plain Paper, Envelopes, Labels, Transparencies, Card Stock Two-sided Printing: Manual, Sizes: A4, Letter, Legal, Folio, 20 to 24 lb. bond /75 to 90 gsm
<b>Operating Environment</b>	Temperature: 50° to 90°F / 10° to 32°C Humidity: 20 to 80%
<b>Electrical</b>	Power: 110 – 127 V, 50/60 Hz, 220 – 240 V, 50/60 Hz Power Consumption: Average: 300 W, Power Saver Mode: 17 W, Energy Star® Qualified Printer Sound Power Levels: Printing: 5.6 (B) L <sub>WA</sub> , Standby: 3.4 (B) L <sub>WA</sub>
<b>Physical Dimensions</b> (WxDxH)	15.4 x 13.6 x 10.4 in. / 390 x 344 x 265 mm Weight: 30 lb. / 13.6 kg
<b>Regulatory</b>	Listed to UL 60950-1/CSA 22.2 No. 60950-1-03. Class 1 Laser Product. FCC Part 15 Class B, CE marked in accordance with Low Voltage Directive, 73/23/EEC and EMC Directive, 89/336/EEC. CB Certified against IEC 60950, Section 508 ADA.

**PHASER 6110  
SUPPLIES**

Consumables	Description	Part Number
Black Toner	Approximately 2,000 pages <sup>1</sup>	106R01274
Cyan Toner	Approximately 1,000 pages <sup>1</sup>	106R01271
Magenta Toner	Approximately 1,000 pages <sup>1</sup>	106R01272
Yellow Toner	Approximately 1,000 pages <sup>1</sup>	106R01273
Waste Toner Bottle	Approximately 1,250 pages or 5,000 images	108R00722
Imaging Kit Maintenance item	Approximately 20,000 black pages <sup>2</sup> or 12,500 color pages <sup>2</sup>	108R00744

Product ships with starter toner cartridges with capacities of approximately 1,500 pages<sup>1</sup> (black) and 700 pages<sup>1</sup> (cyan, magenta, yellow).

<sup>1</sup> Declared yield based on 5% area coverage on A4/letter size page. Yield will vary based on image, area coverage and print mode.

<sup>2</sup> Yield will vary depending on job run length, media size and orientation.

## SUPPORT AND ADDITIONAL INFORMATION SOURCES

### Unrivaled service and support

Behind every Xerox product is a customer support network that is 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.

### Total satisfaction guaranteed

The exclusive Xerox Total Satisfaction Guarantee, recognized as unique in the industry, covers Xerox systems that have been continuously maintained by Xerox or authorized representative under a Xerox express warranty or Xerox maintenance agreement. You decide when you're satisfied.

### Additional Information Sources

The Customer Documentation contains:

- Quick Install Guide
- User Guide and Print Drivers CD
- CentreWare Network Services (on Phaser 6110 N configurations)

## ON THE WEB

Visit [www.xerox.com/office](http://www.xerox.com/office) for:

- Product, supplies, and support information
- Downloading drivers
- Finding your local Xerox sales representative
- On-line documentation

Visit [www.xerox.com/office/support](http://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

## NOTES

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## Questions? Comments? Problems?

If you have any questions, please contact your Xerox sales representative or local reseller, call **1-877-362-6567** or visit us on the web at **[www.xerox.com/office](http://www.xerox.com/office)**.

