

Technology Document Management Consulting Services

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Phaser® 6110MFP Evaluator Guide



ABOUT THIS GUIDE

This guide will introduce you to the Xerox Phaser® 6110MFP color laser multifunction device (MFP), and aid you in your evaluation process.

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Introducing the Xerox Phaser® 6110MFP Color Laser Multifunction Device

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 6110MFP color laser is that kind of investment, offering an affordable way to consolidate various standalone single-function devices and add color printing, copying, scanning and faxing into your environment.

More for Less

The Phaser 6110MFP is an all-inclusive package that delivers all the tools you need – print, copy, scan and fax^{1} – at one great price.

- Why buy and manage individual devices when you can get the right combination of office functions in one? Choose from two models both featuring copy, print and scan features with the X configuration adding fax to bring the essential features your office needs.
- Consolidate your office tools into one unit to streamline maintenance and everyday use, and to save precious office space.
- Reduce printing costs by taking advantage of cost-saving features like toner-saver mode, N-up
 printing and manual two-sided printing. Plus, energy saver mode substantially conserves
 electricity when not in use.
- ¹ X configuration only

Convenient

From installation to everyday use, the Phaser 6110MFP is designed to make office like more efficient.

- The Phaser 6110MFP is small and light enough to fit onto your desktop, or into tight office spaces.
- Create a wide range of documents thanks to the bypass feeder, which reliably feeds envelopes, labels and custom paper sizes. The 150-sheet main tray handles a wide variety of media as well, and when combined with the optional 250-sheet tray allows for longer stretches of uninterrupted printing.
- Setup and everyday use are extremely simple a few mouseclicks are all that is required for most operations.
- Standard network connectivity ensures the Phaser 6110MFP is accessible to everyone on the office network, regardless of operating system platform. The convenient front-access USB port enables direct printing from or scanning to a USB memory device. PictBridge compatibility, for printing pictures directly from a memory card, is included as well.
- Very quiet operation makes the Phaser 6110MFP a perfect fit for your small office limiting distracting and noisy operation.

Affordable Color

Get an unmatched combination of color and ease-of-use features.

- Keeps pace with your busy office with up to 17 ppm black-and-white (letter-size) and 4 ppm print and copy speeds.
- All functions are color-enabled, including color scan to email and color fax.
- ID card copy feature enables making a color copy of both sides of an identification card or check onto one side of paper.

CONFIGURATIONS AND OPTIONS

PHASER 6110MFP/S STANDARD FEATURES

The Phaser 6110MFP comes packed with features required to support busy small offices.

- Black-and-white print speed up to 17 ppm (letter) / 16 ppm (A4)
- · Color print speed up to 4 ppm
- 300 MHz processor
- 128 MB memory
- USB 2.0 and 10/100 BaseTX Ethernet connectivity
- · Paper Support/Handling:
 - 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 standard paper tray with 1-sheet bypass tray, optional 250-sheet paper tray
 - 50-sheet Automatic Document Feeder (ADF)
 - · 100-sheet output capacity
- · Print Features:
 - First-page-out-time as fast as 14 seconds black-and-white, 26 seconds color
 - Advanced features include watermarks, N-up printing, poster printing, manual duplex, and more
- · Copy Features:
 - First-copy-out-time as fast as 18 seconds black-and-white, 36 seconds color
 - Advanced features include ID card copy, auto fit, N-up copying, poster copying, enlarge/reduce image size, and more



rint copy

- · Scan Features:
 - Color and black-and-white scanning up to 600 x 1200 dpi/4800 x 4800 enhanced dpi resolution
 - · TWAIN and Windows Image Acquisition (WIA) drivers
 - Delivery options include scan to networked computer, scan to USB-connected computer, scan to portable USB memory device, scan to email
 - Includes one seat of Nuance® PaperPort® SE 10.0 file management and routing software
- · Management Utilities:
 - Xerox CentreWare® Internet Services
 - Xerox CentreWare® Web
 - Xerox Status Monitor
- Operating System Support:
 - Microsoft[®] Windows[®] (Windows NT 4.0/98/Me/2000/XP/ Server 2003/Vista)
 - Apple[®] Mac OS (10.3.X/10.4.X)
 - · Linux operating systems
- Quiet operation 5.6(B) L_{WA} when printing, 3.4(B) L_{WA} in standby
- Backed by one-year warranty and Xerox Total Satisfaction Guarantee



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PHASER® 6110MFP/X FEATURES

The Phaser 6110MFP/X comes with all the features of the 6110MFP/S, with the addition of fax capabilities.

- Fax Features:
- 33.6 Kbps fax modem for sending and receiving black-and-white and color faxes
- Black-and-white resolution up to 300 x 300 dpi, color up to 200 x 200 dpi
- 4MB fax memory stores up to 320 pages
- Compression methods include MH, MR, MMR, JBIG and JPEG
- 30 1-touch dial settings, 240 speed dial settings
- Advanced features include fax forward to email or other fax location, delayed fax, broadcasting up to 209 locations, junk fax barrier, secure receive, battery backup, and more

PHASER® 6110MFP SUPPLIES

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

- Black Toner Cartridge:
 Approximately 2,000 standard pages¹
- Color Toner Cartridges (one each for cyan, magenta and yellow):
 Approximately 1,000 standard pages¹
- Imaging Kit: Approximately 20,000 black pages² or 12,500 color pages²
- Waste Toner Bottle: Approximately 5,000 images



Product ships with starter toner cartridges with capacities of approximately 1,500 pages¹ (black) and 700 pages¹ (cyan, magenta, yellow).

- Declared yield based on 5% area coverage on A4/letter size page. Yield will vary based on image, area coverage and print mode.
- ² Yield will vary depending on job run length, media size and orientation.

Evaluating Color Multifunction Devices

EVALUATION CRITERIA

Entry-level color laser MFPs must excel in a few key areas to successfully meet the needs of small business/small office environments. The MFP must be able to support the day-to-day operations of the office, meaning that despite the affordable purchase price the MFP must feature performance to support one to five busy professionals and replace multiple stand-alone devices. The MFP must deliver this in a small package – to comfortably fit in your office without requiring extra space. The MFP 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 MFP running without becoming technical experts.

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

EVALUATE PRODUCTIVITY AND VALUE

Does the combination of entry level price and performance allow you to consolidate devices and simplify your technology? Will the image quality meet your day-to-day printing, copying, scanning and faxing needs? Does the MFP include media support you need to run your business? Will the MFP pack the overall performance, as well as printing, copying, scanning and faxing features you need to increase your productivity?



HOW THE PHASER 6110MFP EXCEEDS THE VALUE REQUIREMENT:

REPLACE AND CONSOLIDATE STANDALONE DEVICES

Color laser MFPs like the Phaser 6110MFP help small, space constrained offices streamline multiple single function devices into a single multifunction unit. To help you realize a gain in productivity and efficiency, the Phaser 6110MFP delivers the performance and features small business need to be able to justify replacing their standalone printers, scanners and fax machines while adding color copying capabilities.



PAPER SUPPORT

The Phaser 6110MFP 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 standard configuration has a single-sheet bypass tray and a 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.

The Phaser 6110MFP has an optional 250-sheet paper cassette tray, increasing total capacity to up to 401 sheets. The optional tray supports plain paper of the following sizes and weights:

- Paper Size Supported sizes include A4, letter, legal and folio.
- Paper Weight Supported weights ranging from 16 to 24 lb. bond (60 to 90 gsm).



HOW THE PHASER 6110MFP EXCEEDS THE PRODUCTIVITY REQUIREMENT:

PERFORMANCE

The Phaser 6110MFP delivers the performance necessary to support one or a small group of employees in a small business environment. Some performance highlights include up to 17 ppm (letter size paper) black-and-white printing and copying, a 50-sheet ADF and 33.6 Kbps faxing (X configuration only) – the Phaser 6110MFP packs the performance you need to streamline your office technology.

PRINT FEATURES

At the heart of the Phaser 6110MFP is a small business-ready color laser printer – with print speeds of 17 ppm (letter) / 16 ppm (A4) black-and-white and 4 ppm color. First-page-out-times run as fast as 14 seconds for black-and-white documents, and as fast as 26 seconds for color documents limit the amount of time you spend waiting for your documents to print.



HOW THE PHASER 6110MFP EXCEEDS THE PRODUCTIVITY REQUIREMENT:

The Phaser 6110MFP is packed with advanced printing features, including:

- 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
- Manual 2-sided Printing Saves paper by printing on both sides of page
- N-Up Printing Prints multiple pages of a document to single sheet of paper
- Poster Printing Enlarges image by printing onto multiple sheets of paper
- Watermarks Adds "Confidential," "Draft," or custom titles to a printed document
- Print from USB Memory Device Prints documents in .prn format

COPY FEATURES

The Phaser 6110MFP delivers the features and performance many small businesses need – many of whom will be purchasing and deploying a color laser copier for the first time. Individual or multiple users will be able to take advantage of copy speeds up to 17 ppm (letter) / 16 ppm (A4) black-and-white and 4 ppm color, and first-copy-out-times run as fast as 14 seconds for black-and-white documents and 26 seconds for color documents.

The Phaser 6110MFP delivers these advanced copying features:

- 2-Up or 4-Up Copying Copy two or four pages to a single sheet of paper
- Clone Copying Print multiple copies of an image onto a single page
- Collation Multiple copies of multi-page documents are printed as complete sets
- Erase Background Images Remove background images for clearer copies
- ID Card Copy Allows you to copy both sides of an ID or a check onto one side of paper
- Poster Copying Enlarges copied image by printing onto multiple sheets of paper
- Reduce/Enlarge Control the size of the copied output







HOW THE PHASER 6110MFP EXCEEDS THE PRODUCTIVITY REQUIREMENT (CONT.)

SCAN FEATURES

The Phaser 6110MFP delivers high quality scanning with multiple settings up to 4800 x 4800 dpi enhanced resolution – allowing you to cease using a separate stand-alone scanner. The 50-sheet ADF eases the process of scanning multi-page documents by automating the scanning of each page. TWAIN and WIA drivers are delivered with each Phaser 6110MFP, ensuring you can easily integrate these scan capabilities into your applications.

Phaser 6110MFP scan features include:

- Scan to PC Send a scanned image directly to a PC via USB or Ethernet connection
- Scan to Email Send a scanned image to one or many email locations in a single step
- Scan to USB Memory Device Scan images directly to a USB memory device via USB port located on the front of the Phaser 6110MFP
- Nuance® PaperPort® SE 10.0 Bundled software application for organizing, storing and routing scanned files

FAX FEATURES

Based on a 33.6 Kbps fax modem and your choice of color or black-and-white modes, the Phaser 6110MFP/X model is a full-featured fax solution for small business that continue to use fax as part of their daily operations. Resolution up to 300 x 300 dpi black-and-white and 200 x 200 dpi color means you'll be transmitting high image quality faxes.

Phaser 6110MFP/X fax features include:

- Fax Forward to Email Automatically forwards incoming faxes to one or many email locations
- Fax Forward to Fax Location Automatically forwards outgoing faxes to a select fax location for tracking and/or archiving faxed documents
- Compression methods MH, MR, MMR, JBIG, JPEG
- Dedicated Fax Memory 4 MB stores up to 320 pages
- Speed Buttons Up to 30 one-touch dial numbers
- Speed Dial Settings Save up to 240 numbers
- Delayed Fax Delay fax transmission until times when phone rates are most cost-effective
- Broadcast Fax Simultaneously transmit to up to 209 locations
- Junk Fax Barrier Acts as a barrier to unsolicited faxes
- Battery Backup Up to 43 hours of battery backup in the event of power failure

EVALUATE CONVENIENCE

Once you've found an MFP that can support your performance requirements, you need to ensure it is simple and easy to use. It is also important that it is a good fit in your environment. In addition to advanced features, does the MFP feature design touches for small business environments? Does the MFP include connectivity options to support individual or shared environments?

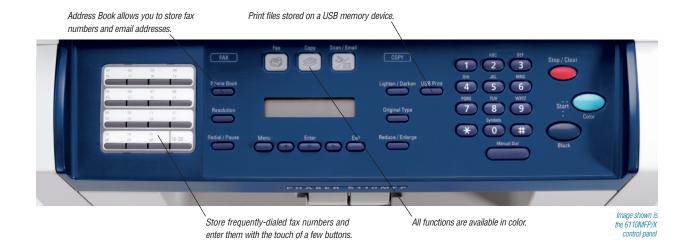


HOW THE PHASER 6110MFP EXCEEDS THE CONVENIENCE REQUIREMENT:

EASY TO USE

The Phaser 6110MFP front panel is clearly organized, with centralized two-line display and buttons for selecting among copy, scan/email, and fax modes (on fax-enabled configurations). Separate "start" buttons for color and black-and-white modes ensure you copy, scan or fax in the mode you intended, without having to navigate within menus to change the color or black-and-white setting. Buttons for lighten/darken, original type, and reduce/enlarge make these commonly used copy features easily accessible. Fax-enabled configurations include speed dial buttons for easy access to up to 30 speed dial settings, and buttons for resolution and redial/pause settings as well as access to the fax address book.

Further, the Phaser 6110MFP 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 alerts you when your print job is complete or when your print job has been interrupted, and links to the troubleshooting guide to help you resolve issues.



SMALL COMPACT DESIGN

At just 18.3 in. wide, 16.8 in. deep and 19.1 in. high – the Phaser 6110MFP has one of the smallest footprints in its class and is a great option for space-constrained office environments. At 45.2 lbs., it is also one of the lightest MFPs in its class. This adds up to make the Phaser 6110MFP easily deployable onto a desktop for an individual user or onto a tabletop as a shared printer for multiple users.

19.1 in. 18.3 in.

SMALL OFFICE READY

Being small office ready isn't just about having a small, lightweight form-factor – other factors include noise-levels generated and how supplies are accessed and replaced. The Phaser 6110MFP

generates less than 5.6(B) L_{WA} when printing and less than 3.4(B) L_{WA} when in standby mode – among the lowest noise levels in its class. The commonly replaced consumables of the Phaser 6110MFP – including toner cartridges, imaging unit, waste toner container and paper – are accessed via the front of the printer, making supplies easy to replace without needing to move the printer.



EVALUATE NETWORK EASE

MFPs 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 simple to manage on an ongoing basis.



HOW THE PHASER 6110MFP EXCEEDS THE EASE OF SETUP REQUIREMENT:

EASY TO SETUP AND INSTALL

At just 45.2 lbs., the Phaser 6110MFP is light enough for an individual to unpack the printer and place it into its location in your office. Once the MFP is in place, plug in the power and connectivity cables and turn on the power. Using the included installation CD you will be able to install printing and scanning driver software for your Phaser 6110MFP onto your computer – getting you up and running quickly and easily. With the Phaser 6110MFP front panel, it is simple to configure settings for fax and copy features, and set the date and time.



HOW THE PHASER 6110MFP EXCEEDS THE EASE OF MANAGEMENT REQUIREMENT:

EASY TO MANAGE

Xerox delivers a set of software utilities with the Phaser 6110MFP 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 6110MFP 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, 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.
- Xerox Status Monitor Can be configured to notify users when print jobs are complete or when an error occurs during printing. Available in the Windows system tray, you can also access the Phaser 6110MFP troubleshooting guide from this utility.
- Printer Setting Utility Use this program to configure the Phaser 6110MFP print settings.
- Set IP Use this program to manually set your machine's TCP/IP address.

SECTION 3

Configurations, Specifications, Supplies, Support and Additional Information Sources

PHASER 6110MFP CONFIGURATION SUMMARY





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CONFIGURATIONS	Phaser 6110MFP/S	Phaser 6110MFP/X		
Speed	Up to 17 ppm (letter), 16 ppm (A4) Black-and-White / 4 ppm Color (letter/A4)			
Duty Cycle	Up to 24,200 pages / month			
Paper Handling Paper Input Standard	Automatic Document Feeder: 50 sheets: Size: 5.6 x 5.8 in. to 8.5 x 14 in. / 142 x 148 mm to 216 x 356 mm			
	Bypass Tray: 1 sheet; Size: Custom sizes from 3×5 in. to 8.5×14 in. $/76 \times 127$ mm to 216×356 mm			
	Tray 1: 150 sheets; Size: Custom sizes from 3 x 5 in.	to 8.5 x 14 in. / 76 x 127 mm to 216 x 356 mm		
Optional	Tray 2: 250 sheets; Size: Selectable s	izes from Letter to Legal / A6 to A4		
Paper Output	100 s	heets		
Copy First-Page-Out Time	As fast as 18 seconds Black-and-White / 36 seconds Color			
Copy Features	Collation, Reduce/Enlarge, 2-Up or 4-Up, Poster Copying, Clone Copying, Erase Background Images, ID Card Copy			
Print First-Page-Out Time	As fast as 14 seconds Black-and-White / 26 seconds Color			
Memory	128 MB			
Processor / PDL	300 MHz / Host Based			
Connectivity	USB 2.0, 10/100 Base-TX Ethernet			
Print Features	Xerox Status Monitor, Manual 2-sided printing, Watermarks, Booklet Printing, Poster Printing, N-Up, Fit to Page, Scaling, Overlays, Cover Page, Collation			
Scan Scan destinations	Scan to Email, Scan to PC, USB Memory Device, Network Scan			
Scan Features	PDF, JPEG, TIFF, Multi-page TIFF, Nuance® PaperPort® SE 10.0, Color Scanning			
Fax	NA Embedded Fax (33.6 Kbps with JBIG Compression)			
Fax Features	NA	Fax Forward to Fax or Email, Secure Fax, Color Fax, Incoming Fax Memory: 4 MB or 320 pages, Speed Dials: up to 240		
Warranty	One Year Warranty, Xerox Total Satisfaction Guarantee			

PHASER 6110MFP DETAILED SPECIFICATIONS

Device Management	CentreWare Internet Services, CentreWare Web, Xerox Status Monitor, Printer Setting Utility, SetIP	
Print Drivers	Windows NT 4.0/98/Me/2000/XP/Server 2003/Vista, Macintosh 10.3-10.4, Linux: Mandrake™ 9.0-10.0, Red Hat® Fedora® Core 1/2/3, Red Hat® Linux 8.0-9.0, SUSE® Linux 8.2-9.2	
Media Handling	Bypass Tray: 16 to 43 lb. bond / 60 to 163 gsm Tray 1 (standard): 16 to 43 lb. bond / 60 to 163 gsm. Tray 2 (optional): 16 to 24 lb. bond / 60 to 90 gsm	
Operating Environment	Temperature: 59° to 90.5°F / 15° to 32.5°C Humidity: -10 to 80%	
Electrical	Power: 110 – 127 VAC, 50/60 Hz, and 220 – 240 VAC, 50/60 Hz Power Consumption: Average: 350 W Power Saver Mode: Less than 30 W Energy Star® Compliant Sound Level: Standby: 3.4(B) L _{WA} ; Printing: 5.6(B) L _{WA} , Warm-up Time: Less than 35 seconds (from sleep mode)	
Physical Dimensions (WxDxH)	18.3 x 16.8 x 19.1 in. / 466 x 429 x 486 mm Weight: 45.2 lb. / 20.5 kg	
Regulatory	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 6110MFP SUPPLIES

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

Product ships with starter toner cartridges with capacities of approximately 1,500 pages¹ (black) and 700 pages¹ (cyan, magenta, yellow).

 $^{^{\}scriptscriptstyle 1}$ Declared yield based on 5% area coverage on A4/letter size page. Yield will vary based on image, area coverage and print mode.

 $^{^{\}rm 2}$ 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:

- · Ouick Reference Guide
- Drivers and User Guide CD
- · CentreWare Network Services

ON THE WEB

Visit www.xerox.com/office for:

- Product, supplies, and support information
- Downloading printer drivers
- Finding your local Xerox sales representative
- 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, providing the latest technical information on:
 - · Application issues
 - Errors
 - · Print quality issues
 - · Troubleshooting



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.









