Phaser®
3600
A4
Black and White
Laser Printer

Xerox Phaser® 3600
Laser Printer
Evaluator Guide

xerox

About this Guide

This Evaluator Guide introduces you to the Xerox Phaser 3600 laser printer, it explains its key features and performance advantages, and provides guidance throughout your printer evaluation process.

Contents

Section 1: Introducing the Phaser 3600 Laser Printer
Product Overview

The Phaser 3600 laser printer combines surprisingly high-end performance features with consistent day-in-day-out reliability - all in a compact device that's built to keep your productivity high and your costs low.

The power to please

The Phaser 3600 laser printer brings Xerox quality and superior performance to heavy single users and small to mid-size work teams that demand superior productivity.

- Fast printing performance delivers results at up to 38 ppm - plenty of speed to keep up with your big print load.

- A first-page-out time as fast as 9 seconds means you spend less time waiting for print jobs and more time staying productive.

- Complex print jobs, handled with ease. A robust 400 MHz processor works behind the scenes to quickly take care of whatever comes its way - even multipage jobs loaded with graphics.

- Network printing (standard on the N and EDN configurations) makes the Phaser 3600 laser printer a more powerful office ally, helping more users get more work done.

- Get even more helpful capabilities, like Secure Print (standard on network configurations), which keeps a private print job in the queue until released by the job owner, and RAM collation, which speeds up larger print jobs by quickly processing multiple sets of multipage documents.

Unbeatable value

With advanced features typically found on higher-priced laser printers, the Phaser 3600 offers more performance for less.

- More speed, better features and a robust, user-friendly design - no other printer in its class matches the Phaser 3600 laser printer's total-value offering.

- Print more without interruption with two standard paper trays holding a total of 600 sheets. Need more capacity? An additional 500-sheet tray is available.

- Affordability comes standard, with a low cost per page and helpful, cost-saving features like toner-save and energy-save modes, plus optional automatic two-sided printing and N-Up printing for more efficient paper usage.

- The print cartridge is easy to replace and lets you choose standard-capacity at a lower price, or high-capacity, for greater print volumes and reduced total cost of ownership.

- We stand behind our promise of outstanding reliability and performance with a **standard one-year warranty**.

The capacity to do more

The Phaser 3600 laser printer offers more printing features for fast-paced businesses, while additional options further expand the printer's capabilities.
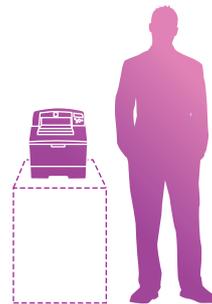
- Automatic two-sided printing is standard on the Phaser 3600EDN, and available as an option on the Phaser 3600B and 3600N models.

- Helpful administration tools, like CentreWare IS internal web server, make it fast and easy to manage everyday usage.

- With a simple layout and easy-to-read two-line display, the front panel user interface shows printer-status information, error messages and jobs in progress.

- The 100-sheet multipurpose tray handles a variety of paper, from 60 -163 gsm, including envelopes, labels, business cards and other speciality media.

- Standard 600-sheet paper capacity can be expanded to 1,100 sheets for extended periods of uninterrupted printing.

Phaser® 3600 Quick Facts

- Print up to 38 ppm
- 600 x 600 dpi (up to 1200 x 1200 enhanced image quality)
- 400 MHz processor
- 200,000 pages/month duty cycle
- 600-sheet capacity, expandable to 1,100 sheets

Print

A4

38 ppm

WxDxH:
399 x 478 x 383 mm

Xerox Phaser 3600 Laser Printer Configurations

Phaser 3600B

The Phaser 3600B configuration includes an impressive mix of print features.

Performance:
- Print speeds of up to 38 ppm (A4)
- First-Page-Out Time as fast as 9 seconds
- 600 x 600 dpi (up to 1200 x 1200 enhanced image quality)
- Two-sided printing (optional)
- Page Description Languages: PostScript® 3™ compatibility, PCL® 6 and 5e emulations
- 400 MHz processor
- 64 MB (standard), 512 MB (maximum) memory
- Connectivity: USB 2.0 and parallel

Reliability:
- Duty Cycle of up to 200,000 pages
- Recommended Average Monthly Print Volume of up to 5,000 pages
- **Warranty:** One-year on-site

Paper Handling:
- **Tray 1 (Multipurpose Tray):** 100 sheets; Custom sizes from 76 x 127 mm to 216 x 356 mm; Weights: 60 to 163 gsm
- **Tray 2:** 500 sheets; Selectable sizes from A6 to A4; Weights 60–105 gsm
- **Output Tray:** 250 sheet face-down, 100 sheet face-up

Print feature highlights:
- Smart Trays, Booklet printing, Scaling, Fit to page, Watermarks, Overlays, Posters, Custom-size pages, Covers, N-up, Toner save mode

Phaser 3600N

Builds on the Phaser 3600B with the addition of:

Controller:
- Connectivity - 10/100BaseTX Ethernet
- 128 MB (standard), 512 MB (maximum) memory

Print Features:
- Secure Print
- Collation

Phaser 3600EDN

Builds on the Phaser 3600N with the addition of:

Print Performance:
- Standard automatic two-sided printing

Optional

Optional accessories let you tailor-fit the Phaser 3600 laser printer to your specific needs, with more capabilities, paper capacity and features.

Paper Handling:
- Two-sided printing*
- 500-sheet paper tray; Selectable sizes from A6 to A4; Weights 60–105 gsm

Controller:
- 64, 128 or 256 MB memory upgrades
- Wireless Ethernet networking**

*Optional on B and N configurations, standard on EDN configuration

**N and EDN configurations only

Section 2: Evaluating Black and White Laser Printers
Overview

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

Ease of Installation, Management, and Use
Does the printer offer an installation process simple enough for non-technical users?
Does it include helpful tools that simplify day-to-day management?

Productivity
Will the printer keep up with the demands of a small to mid-size work team or heavy single user?

Reliability
Is the printer robust enough to handle your ongoing daily workload and is it backed by quality service?

This section examines each of the above evaluation criteria in greater detail, covering the specific features and performance attributes you should look for in a black and white laser printer. When the same criteria are used to evaluate every device under consideration, you'll see how the Phaser 3600 laser printer excels against other manufacturers' products.
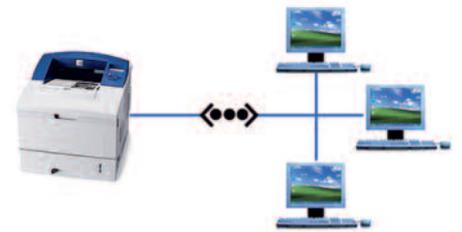
Evaluate Ease of Installation, Management and Use

Installing printers can be challenging, whether in a large organisation or small office. The process includes integrating the printers into your existing office environment and may include connecting them to your network infrastructure. If network printing is a requirement, evaluate the ease with which drivers can be deployed to multiple users. Also, evaluate the management tools delivered with the printer and whether they will ease the task of managing the device. Lastly, think about ease of use. Are the user interfaces, both the front panel and print driver, well designed and easy to navigate?

> **How the Phaser 3600 laser printer exceeds the installation requirement:**

Installation

Easy installation starts with unpacking the device and ends when it's powered up and ready for use. The Phaser 3600 laser printer is easily removed from its packaging, and features a compact footprint that's well suited for placement within easy reach on a user's desktop. The included quick install guide helps install optional accessories, connect the printer to your network (if applicable) and a power source, and power-up the device. When connected to your network, the printer will automatically be assigned an IP address and join the network via DHCP (other protocols can be set at the front panel). Device settings such as language selection and feature setup are completed either at the front panel or via remote management software like Xerox CentreWare® Internet Services (CentreWare IS) or CentreWare® Web.

The Phaser 3600 laser printer (N and EDN configurations) automatically joins your office network.

Driver deployment

Xerox includes an installation CD that features an easy, wizard-based driver-installation process. If preferred, print and scan drivers can also be easily downloaded from the Xerox website.

> **How the Phaser 3600 laser printer exceeds the management requirement:**

Xerox management software

Xerox CentreWare Web is a powerful device management solution for IT departments. This free software eases the chore of installing, configuring, managing, monitoring and pulling reports from SNMP-compliant networked printers and multifunction printers throughout your enterprise - regardless of vendor. Xerox also addresses enterprise asset management through compatibility with network management tools for Sun, Novell, Microsoft, Linux and other environments.

The Phaser 3600 laser printer also includes CentreWare IS, an embedded web server that makes it fast and easy to manage everyday usage. Users and administrators get quick and convenient access to a wealth of features, including printer and job status, toner volume updates, media availability, in-depth accounting information and more, via any standard web browser.

CentreWare IS helps administrators quickly install, configure, troubleshoot and analyse usage of the Phaser 3600 laser printer using any standard web browser.

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 summarised in Section 3 of this guide.

How the Phaser 3600 laser printer exceeds the ease-of-use requirement:
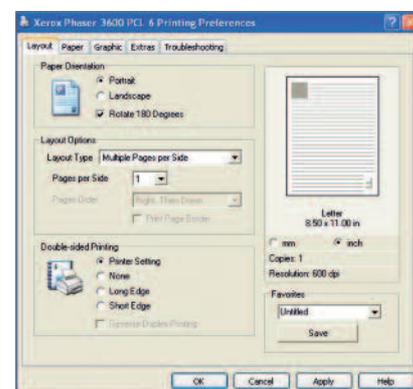
Front panel interface

The Phaser 3600 laser printer features a simple, easy-to-navigate front-panel user interface. A backlit, two-line display shows printer status information, error messages and jobs in progress. Menu-based navigation features are accessed using intuitively arranged buttons below the front-panel display.

Bi-directional print drivers

The Phaser 3600 laser printer includes print drivers for PostScript® 3™ and PCL® 6 and 5e emulations. Organised by tabs, the print drivers make job programming easy and intuitive. The most commonly used features are located on the default tab, with advanced features easily accessible when programming more complex jobs. The print drivers also provide bi-directional information such as system status, consumable status, job status, installed options and more.

The Phaser 3600 laser printer's front panel.

Bi-directional print drivers allow for easy job programming right at the user's desktop.

Evaluate Productivity

Productivity is a critical consideration when evaluating which printer to purchase for your office. Does the printer deliver the level of performance required to support the workload of a busy single user or a small to mid-size work team. Does it produce sufficient print quality? Can the printer be expanded to meet a work team evolving needs and does it offer the media flexibility to support a variety of jobs?

> **How the Phaser 3600 laser printer exceeds the productivity requirement:**

Printing performance

With a fast print speed of up to 38 ppm, even the heaviest workloads are handled with ease by the Phaser 3600 laser printer. The printer's powerful 400 MHz processor can receive a rapid succession of simple and complex print jobs while maintaining all-day productivity.

Plus, RAM collation speeds up larger print jobs by quickly processing multiple sets of multipage documents.

For average print jobs of three pages or less, the most important specification is first-page-out time, and the Phaser 3600 laser printer delivers in as few as 9 seconds.

Print productivity is further enhanced with even more advanced features, like booklet printing, N-up, collation, secure print and watermarks.

Print quality

The Phaser 3600 laser printer outputs at 600 x 600 dpi (up to 1200 x 1200 enhanced image quality), producing excellent results without compromising the printer's outstanding speed. Whether printing spreadsheets, presentations or customer collaterals, the Phaser 3600 laser printer delivers truly impressive print quality.

Expandability

The Phaser 3600 laser printer offers more printing features for fast-paced business on a budget. Multiple configurations are available to meet the needs of a busy single user or a small to mid-size work team, while more options further expand the printer's capabilities.

For those users who print a high volume of large, complex files, controller memory can be expanded to a maximum of 512 MB with 64 MB, 128 MB or 256 MB upgrades.

Plus, a wireless network adapter can be added to allow easy integration with any wireless networking environment.

For longer periods of uninterrupted printing, consider increasing paper capacity by including an additional 500-sheet feeder, for a total paper capacity of 1,100 sheets.

Phaser 3600 laser printer shown with optional 500-sheet Tray 3.

Media support

The Phaser 3600 laser printer offers scalable paper capacity to handle the diverse needs of offices of all sizes. Paper capacity starts at 600 sheets, with an optional maximum capacity of 1,100 sheets.

Paper capacity and media support offered by the Phaser 3600 laser printer include:

- **Standard trays:**
  - Tray 1 (Multipurpose tray): Up to 100 sheets; custom sizes from 76 x 127 mm to 216 mm x 356 mm; 60 to 163 gsm
  - Trays 2: Up to 500 sheets; selectable sizes from A6 to A4; 60 to 105 gsm
- **Optional:**
  - Tray 3: Up to 500 sheets; selectable sizes from A6 to A4; 60 to 105 gsm
  - Two-sided output: 75-90 gsm
- **Media types:**
  - Plain paper, envelopes, labels, transparencies, card stock

Evaluate Reliability

Office productivity is tied directly to the reliability of the devices upon which users depend. Consider whether the printer is rated to handle your expected day-to-day print volume. If a problem occurs, does the manufacturer stand behind its product with timely and effective service and support?

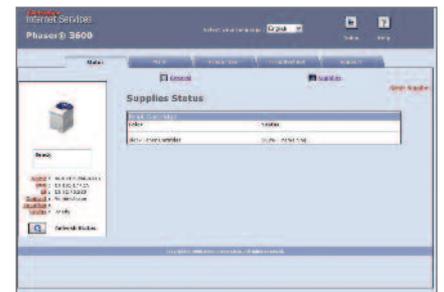## How the Phaser 3600 laser printer exceeds the reliability requirement:

Day-to-day operation

With a rated duty cycle of up to 200,000 pages* per month, and a recommended Average Monthly Print Volume (AMPV) of up to 5,000 pages, the Phaser 3600 laser printer is adept at handling normal daily workloads as well as the heaviest peak-period workloads. The Phaser 3600 laser printer also helps avoid interruptions thanks to its standard 600-sheet paper capacity and the ability to increase capacity to 1,100 sheets. Plus, proactive reporting of current toner levels ensures you'll have replacement cartridges on hand when you need them.

*Print volume uniformly distributed over 30 days.

Service/support

Building on the reliability engineered into the Phaser 3600 laser printer, Xerox has implemented a sophisticated service-delivery network capable of maintaining your equipment, addressing issues and training IT staff and users on how to get the most out of your purchase. Also, at Xerox, we stand behind our promise of outstanding reliability and performance with a standard one-year warranty.

Current toner-level updates help ensure you have replacement cartridges on hand before the printer runs out.

Section 3: Configurations, Specifications, Supplies, Support and Additional Information Sources
Configuration Summary

The following sections provide details about the various Phaser 3600 configurations, available options and supplies, and more helpful information.

	3600B	3600N	3600EDN
Speed	Up to 38 ppm A4		
Duty Cycle	200,000 pages / month		
Paper Handling			
Paper input Standard	**Tray 1 (MPT):** 100 sheets; Custom sizes: 76 x 127 mm to 216 x 356 mm		
	Tray 2: 500 sheets; Selectable sizes from A6 to A4		
Optional	**Tray 3:** 500 sheets; Selectable sizes from A6 to A4 (1,100-sheet total capacity)		
Paper output	250 sheet face-down, 100 sheet face-up		
Automatic two-sided printing	Optional		Standard
Print			
First-page-out-time	As fast as 9 seconds		
Resolution (max)	600 x 600 dpi (up to 1200 x 1200 enhanced image quality)		
Processor	400 MHz		
Memory (std / max)	64 MB / 512 MB	128 MB / 512 MB	
Connectivity	Parallel, USB 2.0	10/100Base-TX Ethernet, Parallel, USB 2.0	
Page description languages	PostScript® 3™ compatibility, PCL®6 and 5e emulations		
Print features Standard	Smart Trays, Booklet printing, Scaling, Fit to page, Watermarks, Overlays, Posters, Custom-size pages, Covers, N-up, Toner save mode, Secure print*, Collation*		
Warranty	One-year on-site warranty**		

* Standard on Network configurations

** Products purchased under an 'Eclick' agreement do not carry a warranty. Refer to your service agreement for full details of your enhanced service package.

Specifications

Specifications	
Device Management	Phaser Installer, CentreWare® IS Embedded Web Server*, CentreWare® Web*, Global Print Driver*, Font management utility*
Print Driver Support	**Apple:** Mac OS® 10.2 and above **Linux:** Various OS including Red Hat® 8-9, Fedora™ Core 1-4, Mandrake 9.2-10.1, SUSE 8.2-9.2 **Microsoft:** Windows® 2000/XP/2003/2008 Server, Vista **Unix:** HP-UX, Sun Solaris™ **Xerox:** Walk-Up® Print Drivers
Protocol Support	**Connectivity:** USB 2.0, IEEE 1394 Parallel, 10/100BaseTX Ethernet (N and EDN configurations) **Network:** Ethertalk, HTTP, HTTPs, SNMP v.1/2/3, TCP/IP, IPv6 **Management:** Auto IP, DHCP, SNMP v.1/2/3 **Page Description Languages:** PostScript® 3™ compatibility, PCL® 6 and 5e emulations,
Font Capability	136 PostScripts® fonts; 68 PCL® fonts (4 MB flash memory for fonts macros)
Media Handling Paper Capacity	**Tray 1 (MPT):** Up to 100 sheets **Tray 2:** Up to 500 sheets **Trays 3 (optional):** Up to 500 sheets
Supported Media Sizes	**Tray 1 (MPT):** Custom sizes from 76 x 127 mm to 216 mm x 356 mm **Tray 2:** Selectable sizes from A6 to A4 **Tray 3 (optional):** Selectable sizes from A6 to A4
Supported Media Weights	**Tray 1:** 60 to 163 gsm **Tray 2:** 60 to 105 gsm **Tray 3 (optional):** 60 to 105 gsm **Two-Sided Output:** 60 to 105 gsm
Operating Environment	**Temperature:** • 10° to 32° C **Relative Humidity:** • Operating: 20% to 80% **Sound Pressure:** Printing: 56.0 dB(A), Standby: 35.0 dB(A) **Warm-Up Time (from power save):** 31 seconds or less **FPOT from power save:** 40 seconds
Electrical	**Power:** 220-240 VAC, 50/60 Hz **Power Consumption:** Printing: 700 W, Standby: 130 W, Power Save: 13 W **ENERGY STAR:** Qualified (EDN configuration only)
Dimensions Width x Depth x Height, Weight	399 x 478 x 383 mm, 17.9 kg
Certifications	Listed to UL 60950-1/CSA 60950-1-03, 1st Edition, FDA/CDRH – Class 1 Laser Product, FCC Part 15, Class B, Canada ICES-003, Class B, CE marked, Low Voltage Directive 2006/95/EC, EN 60950-1, 1st Edition, EN 60825-1 – Class 1 Laser Product, EMC Directive 2004/108/EC, EN 55022, Class B, EN 55022, Class B, RoHS Directive 2002/95/EC, WEEE Directive 2002/96/EC

	Description	Details	Part Number
Supplies	Print Cartridge	Average 7,000 standard pages[1]	106R01370
	Print Cartridge	Average 14,000 standard pages[1]	106R01371
Accessories	64 MB memory upgrade		097S03759
	128 MB memory upgrade		097S03760
	256 MB memory upgrade		097S03761
	Duplex Module	Adds automatic two-sided printing	097S03756
	500-sheet feeder	Add up to three additional paper trays	097N01673
	Wireless Network Adaptor - European	Not available for Phaser 3600B	097S03741
	Wireless Network Adaptor - UK	Not available for Phaser 3600B	097S03742
Extended Service Agreements	2 years additional on-site (total of 3 years)[2]		3600ES3
	3 years additional on-site (total of 4 years)[2]		3600ES4

*3600N and 3600EDN
[1] Declared Yield in accordance with ISO/IEC 19752. Yield will vary based on image, area coverage and print mode.
[2] Available for purchase during first 90 days of ownership.

Support and Additional Information Sources

Unrivalled Service and Support

Behind every Xerox product is a large network of customer support that's unrivalled 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.

Xerox Office Services Support

Asset Management Services

- Asset Optimisation and Tracking - Process and tools to optimise an enterprise's office output infrastructure and reduce overall costs

- Break-Fix Management - Single point of ownership and management for break-fix service for all brands of office output devices

- 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 centralised single point of contact and delivered through 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 for student and library patron print access management

Additional Information Sources

What's in the box:

- Phaser 3600 printer

- Print cartridge (7,000 print capacity)

- World kit (includes Software and documentation CD, Registration card, Warranty booklet)

- Power Cord

- USB Cable

Phaser 3600 Front Panel:

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

On the Web

Visit www.xerox.com/office for:

- Product, supplies and support information

- Downloading 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 to provide the latest technical information on:
  - Application issues
  - Errors
  - Print-quality issues
  - Troubleshooting

Notes

Questions? Comments? Problems?

If for any reason you need to contact your Xerox sales representative,
please call or visit us on the web at www.xerox.com/office.