This Evaluator Guide introduces you to the Xerox® Phaser® 4622 printers, provides an overview of its capabilities and features, and aids you in your printer evaluation process.

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Phaser 4622 Quick Facts
- Print up to 65 ppm letter / 62 ppm A4
- First-page-out time as fast as 7.8 seconds
- 650-sheet paper capacity, expandable to 3,750
- 600 MHz processor
- Up to 1200 x 1200 enhanced image quality

Print
8.5 x 11 in.
65 ppm

WxDxH (N/DN):
18.7 x 21.3 x 16.5 in.
476 x 541 x 420 mm
Section 1: Evaluating Black-and-white 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 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?
Section 1: Evaluating Black-and-white 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 Xerox® Phaser® 4622 printer exceeds the performance and reliability requirements:

Print Speed
The Phaser 4622 printers deliver best-in-class print speeds:
- Up to 65 ppm letter / 62 ppm A4

Processing Speed
The Phaser 4622 printer handles heavy workloads with ease, with a powerful 600 MHz 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 4622 printer produces a print job’s first page in as few as 7.8 seconds.

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.

Print Quality
The Phaser 4622 printer delivers up to 1200 x 1200 enhanced image quality, which ensures sharp, easy-to-read text and images without compromising print speed.

Engineered for Durability
The Phaser 4622 printer has fewer moving parts to wear out and less consumables to replace than competitive products. 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.

Duty Cycle
The Phaser 4622 offers a duty cycle of 275,000 pages per month*, easily enough to handle the needs of most busy offices.

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

Connectivity Options
The Phaser 4622 can be connected to a standalone PC, server or network via 10/100/1000Base-T Ethernet, USB 2.0, or optional internal wireless 802.11n adapter.

Industry-standard Support
The Phaser 4622 supports PCL® 6, PCL 5e, PostScript 3 emulation, PDF and Epson. They also fully support both Microsoft® Windows® and non-Windows platforms, including Linux and Apple® Macintosh.

Unicode Font Compatibility
The Phaser 4622 supports Unicode fonts – an important feature for many businesses.
Section 1: Evaluating Black-and-white Printers

Design Flexibility

A printer needs to meet the evolving demands of its users. Design flexibility should be a key consideration when choosing a 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® 4622 printer exceeds the design flexibility requirement:

Easy Setup and Operation

The Phaser 4622 printer features an easy-to-understand front console, and the devices’ 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 256 MB of memory can be expanded to 768 MB with the optional 512 MB upgrade.

Media Support

The Phaser 4622 printer can handle the diverse media needs of most offices. They include built-in paper capacity of 650 sheets, expandable to an optional 3,750 sheets.

Standard Trays:

• The convenient 100-sheet Multipurpose Tray (Tray 1) allows manual, single-sheet feeding of 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 3.88 x 5.85 in. to 8.5 x 14 in. (98.6 x 148.5 mm to 216 x 356 mm).

Optional Trays:

• Tray 3* supports up to 550 sheets in custom sizes from 5.5 x 8.27 in. to 8.5 x 14 in. (139.7 x 210 mm to 216 x 356 mm).
• Trays 4-6 each support up to 550 sheets in custom sizes from 5.5 x 8.27 in. to 8.5 x 14 in. (139.7 x 210 mm to 216 x 356 mm).
• High Capacity Feeder supports up to 2,000 sheets in standard sizes; Letter, Legal, Folio and A4.**

Media Weights:

• Multipurpose Tray (Tray 1): 16-58 lb. bond / 60-220 gsm.
• Trays 2-6: 16-32 lb. bond / 60-163 gsm.
• High Capacity Feeder: 16-24 lb. bond / 60-90 gsm.

Media Types

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

Paper Output

Phaser 4622DN and 4622DT configurations include automatic two-sided printing as a standard feature. Standard paper output capacity is 500 sheets.

Plus, a choice of one of the following output options further expands the Phaser 4622 printer’s flexibility:

• Finisher: 500-sheet tray, up to 50-sheet stapling.
• Mailbox: Four 100-sheet bins.

Toner Cartridge Capacity

The Phaser 4622 printer offers a standard capacity toner cartridge with a 13,000-page yield*. For heavier workloads, a 30,000-page high capacity* toner cartridge is also available.

* Average standard pages. Declared yield in accordance with ISO/IEC 19752. Yield will vary based on image, area coverage and print mode.

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.
Section 1: Evaluating Black-and-white 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 Xerox® Phaser® 4622 printer exceeds the cost-savings and green-features requirements:

Reduced Paper Consumption
Highly efficient, no-hassle two-sided printing saves money and paper. Phaser 4622DN and 4622DT 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 PowerPoint presentations.

Lower Monthly Energy Bills
The Phaser 4622 printer supports the highest ENERGY STAR® standards for power-saving.

Separate Consumables
Our split consumables let you get the most out of every user-replaceable component. No more having to replace an independent image marking drum simply because you’re out of toner.

Less Waste
The long-life marking drum lasts longer and requires fewer replacements, saving you money and reducing landfill waste. Plus, with the Xerox-exclusive Green World Alliance program, you can return all applicable customer-replaceable units for proper recycling with no landfill impacts.

Toner Usage
The Toner Saver mode allows the Phaser 4622 printer to reduce toner usage when printing documents that don’t require optimal print quality.
Section 1: Evaluating Black-and-white Printers
Advanced 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® 4622 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 4622 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.

Device
• Audit Log – tracks printing activities by user, time, and date.

Hard Drive
• Data Encryption – provides an additional layer of security against unauthorized users.

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.

Phaser 4622 Printer Security Model

- Document
  • Secure Print

- Device
  • Audit Log

- Hard Drive
  • Data Encryption
  • Image Overwrite

- Network
  • IEEE 802.1X protocol
  • IPsec
  • IPv6
  • Secure data protocols
# Section 2: Configuration Summary, Specifications, Supplies and Support Resources

## Configuration Summary

<table>
<thead>
<tr>
<th>Device Specifications</th>
<th>Phaser 4622DN</th>
<th>Phaser 4622DT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Speed</strong></td>
<td>Up to 65 ppm letter / 62 ppm A4</td>
<td></td>
</tr>
<tr>
<td><strong>Duty Cycle</strong></td>
<td>275,000 pages / month</td>
<td></td>
</tr>
<tr>
<td><strong>Hard Drive / Processor / Memory</strong></td>
<td>Optional 320 GB hard drive / 600 MHz Dual-core ARM / 256 MB (std), 768 MB (max)</td>
<td></td>
</tr>
<tr>
<td><strong>Connectivity</strong></td>
<td>10/100/1000Base-T Ethernet, USB 2.0, optional wireless 802.11n with WPA 2 Enterprise</td>
<td></td>
</tr>
<tr>
<td><strong>Print</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resolution (max)</td>
<td>600 x 600 dpi, up to 1200 x 1200 enhanced image quality</td>
<td></td>
</tr>
<tr>
<td>First-print-out Time (as fast as)</td>
<td>7.8 seconds</td>
<td></td>
</tr>
<tr>
<td>Page Description Languages</td>
<td>PCL® 6, PCL 5e, PostScript 3 emulation, PDF, Epson</td>
<td></td>
</tr>
<tr>
<td>Print Features</td>
<td>256 levels of halftone (grayscale), Watermarks, N-up, Fit to page, Scaling, Reduce/enlarge, Toner saver, Print from USB, Print Around, Collation, Secure Print, Personal Print, Smart Duplex</td>
<td></td>
</tr>
<tr>
<td><strong>Paper Input</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Tray 1 (MPT)</td>
<td>100 sheets; Custom sizes: 3 x 5 in. to 8.5 x 14 in. / 76 x 127 mm to 216 x 356 mm</td>
<td></td>
</tr>
<tr>
<td>Tray 2:</td>
<td>550 sheets; Custom sizes: 3.88 x 5.85 in. to 8.5 x 14 in. / 98.6 x 148.5 mm to 216 x 356 mm</td>
<td></td>
</tr>
<tr>
<td>Tray 3:</td>
<td>550 sheets; Custom sizes: 5.5 x 8.27 in. to 8.5 x 14 in. / 139.7 x 210 mm to 216 x 356 mm</td>
<td></td>
</tr>
<tr>
<td>Standard Tray 4</td>
<td>550 sheets; Custom sizes: 5.5 x 8.27 in. to 8.5 x 14 in. / 139.7 x 210 mm to 216 x 356 mm</td>
<td></td>
</tr>
<tr>
<td>Optional Tray 3</td>
<td>550 sheets; Custom sizes: 5.5 x 8.27 in. to 8.5 x 14 in. / 139.7 x 210 mm to 216 x 356 mm</td>
<td></td>
</tr>
<tr>
<td>Optional Tray 5</td>
<td>550 sheets; Custom sizes: 5.5 x 8.27 in. to 8.5 x 14 in. / 139.7 x 210 mm to 216 x 356 mm</td>
<td></td>
</tr>
<tr>
<td>Optional Tray 6</td>
<td>550 sheets; Custom sizes: 5.5 x 8.27 in. to 8.5 x 14 in. / 139.7 x 210 mm to 216 x 356 mm</td>
<td></td>
</tr>
<tr>
<td>High Capacity Feeder (Add to Trays 1-4)</td>
<td>2,000 sheets; Standard Sizes: Letter, Legal, Folio, A4</td>
<td></td>
</tr>
<tr>
<td><strong>Paper Output / Finishing</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard 500 sheets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Optional Finisher: 500-sheet tray, 50-sheet stapling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mailbox: Four 100-sheet bins</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automatic Two-sided Printing</td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>Warranty</td>
<td>One-year on-site warranty, earn free service coverage with Xerox eConcierge®, Xerox Total Satisfaction Guarantee</td>
<td></td>
</tr>
</tbody>
</table>

*Maximum volume capacity expected in any one month. Not expected to be sustained on a regular basis.*
Section 2: Configuration Summary, Specifications, Supplies and Support Resources

Specifications

Device Management

Xerox® CentreWare® Internet Services, CentreWare Web, WebJet Admin Interface, Tivoli®,Bonjour®, low toner email alert

Printer Driver Support

Apple: Mac® OS 10.5 and higher
Linux: Various Linux including Red Hat® Enterprise 4,5
Sun Microsystems: Solaris® 9,10
Fedora™ Core 14-16
OpenSUSE® 11,12
IBM AIX®5
HP-UX® 11.0/11i
Xerox® Global Print Driver®
Xerox® Mobile Express Driver®

Protocol Support

Connectivity: 10/100/1000Base-T Ethernet, USB 2.0, optional wireless 802.11n
Security: Secure HTTPS (SSL), IPsec, 802.1X, IPv6 compatibility, Network authentication, SNMPv3, Image Overwrite, Audit Log, IP Filtering

Page Description Languages:
PCL® 6, PCL 5e, PostScript 3 emulation, PDF, Epson

Media Handling

Paper Capacity:
- Tray 1 (Multipurpose Tray): 100 sheets
- Tray 2: 550 sheets
- Tray 3 (standard on DT configurations): 550 sheets
- Trays 4-6 (optional): 550 sheets each
- High Capacity Feeder (optional): 2,000 sheets

Supported Media Sizes:
- Tray 1 (Multipurpose Tray): Custom sizes: 3 x 5 in. to 8.5 x 14 in. / 76 x 127 mm to 216 x 356 mm
- Tray 2: 550 sheets; Custom sizes: 3.88 x 5.85 in. to 8.5 x 14 in. / 98.6 x 148.5 mm to 216 x 356 mm
- Trays 3-6: 550 sheets; Custom sizes: 5.5 x 8.27 in. to 8.5 x 14 in. / 139.7 x 210 mm to 216 x 356 mm
- High Capacity Feeder (add to Trays 1-4): 2,000 sheets; Standard sizes: Letter, Legal, Folio, A4

Supported Media Weights:
- Tray 1 (Multipurpose Tray): 16-58 lb. bond / 60-220 gsm
- Trays 2-6: 16-32 lb. bond / 60-163 gsm
- High Capacity Feeder: 16-24 lb. bond / 60-90 gsm

Operating Environment

Operating Temperature: 50º to 90º F / 10º to 32º C
Relative Humidity: 85%
Sound Pressure: Printing: 58 dB(A), Quiet Mode: 52 dB(A)
Warm-Up Time (from sleep mode): as fast as 32 seconds

Electrical

Power: 110–127 VAC, 50/60 Hz or 220–240 VAC, 50/60 Hz
Power Consumption: Printing: 900 W, Standby: 120 W, Power Save: 2.8 W
ENERGY STAR® qualified

Dimensions

4622DN: 18.7 x 21.3 x 16.5 in. / 476 x 541 x 420 mm
Weight: 76.3 lb. / 34.6 kg
4622DT: 18.7 x 21.3 x 22.3 in. / 476 x 541 x 566 mm
Weight: 101.4 lb. / 46 kg

Certifications


* Phaser 4622A is the Blue Angel compliant configuration at 55 ppm letter / 52 ppm A4.
## Supplies

<table>
<thead>
<tr>
<th>Supplies Description</th>
<th>Details</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Capacity Toner Cartridge</td>
<td>13,000 pages*</td>
<td>106R01533</td>
</tr>
<tr>
<td>High Capacity Toner Cartridge</td>
<td>30,000 pages*</td>
<td>106R01535</td>
</tr>
<tr>
<td>TAA compliant High Capacity Toner Cartridge</td>
<td>30,000 pages*</td>
<td>106R02638</td>
</tr>
<tr>
<td>Maintenance Kit, 110V</td>
<td>150,000 pages**</td>
<td>115R00069</td>
</tr>
<tr>
<td>Maintenance Kit, 220V</td>
<td>150,000 pages**</td>
<td>115R00070</td>
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<tr>
<td>Xerox® SmartKit® Drum Cartridge</td>
<td>80,000 pages**</td>
<td>113R00762</td>
</tr>
<tr>
<td>TAA compliant Drum Cartridge</td>
<td>80,000 pages**</td>
<td>113R00769</td>
</tr>
</tbody>
</table>

## Accessories

<table>
<thead>
<tr>
<th>Accessories Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Drive Kit: 320 GB</td>
<td>097N02157</td>
</tr>
<tr>
<td>550-sheet Paper Tray</td>
<td>097N01874</td>
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<tr>
<td>2,000-sheet High Capacity Feeder (includes Stand)</td>
<td>097N01875</td>
</tr>
<tr>
<td>Finisher / Stapler</td>
<td>097N01876</td>
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<tr>
<td>4-bin Mailbox</td>
<td>097N01877</td>
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<tr>
<td>Stand</td>
<td>097N01916</td>
</tr>
<tr>
<td>512 MB Memory</td>
<td>097N01878</td>
</tr>
<tr>
<td>Internal Wireless Network Adapter</td>
<td>097N01880</td>
</tr>
</tbody>
</table>

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* Average standard pages. Declared Yield in accordance with ISO/IEC 19752. Yield will vary based on image, area coverage and print mode.

** Approximate pages. Declared Yield based on letter-/A4-size 20 lb. (75 gsm) pages. Yield will vary based on media type, size, weight, orientation, and usage patterns.
Unrivalled 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. Plus, Genuine Xerox® supplies are always readily available.

Xerox® Office Services Support

Asset Management Services
- Asset Optimization and Tracking – Process and tools to optimize 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 centralized 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

Xerox eConcierge® Program
Free extended service coverage for eligible Xerox® printers through Xerox eConcierge® – a $320 average value per year. Let the free Xerox eConcierge® Supplies Assistant vastly simplify every aspect of tracking and ordering printer supplies for your networked printers for Xerox, HP, Lexmark and other leading brands. The Supplies Assistant desktop application sends an automatic alert when supplies are low and it’s time to order replacements – before you run out. The application automatically identifies each printer model and its associated supplies, so you don’t have to. It even provides options like standard capacity and high capacity toner cartridges, when available.

Additional Information Sources

What’s in the box:
- Phaser 4622 printer
- Toner cartridge (Average 13,000 standard pages*)
- Drum cartridge (Average 80,000 standard pages**)  
- Power cord
- Software and Documentation CD

Phaser 4622 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
- Finding your local Xerox sales representative

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:
- Downloading drivers
- Online documentation

* Declared Yield in accordance with ISO/IEC 19752. Yield will vary based on image, area coverage and print mode.
** Approximate pages. Declared Yield based on letter-/A4-size 20 lb. (75 gsm) pages. Yield will vary based on media type, size, weight, orientation, and usage patterns.
Questions? Comments? Problems?

For more information about the Xerox® Phaser® 4622 printer, please contact your Xerox sales representative, call 1-877-362-6567 or visit us on the web at www.xerox.com/office.