# XEROX®

Technology | Document Management | Consulting Services

**Phaser® 8560MFP**

*Competitive Comparison*

# Xerox Phaser® 8560MFP vs.
# HP Color LaserJet 2820/2840AiO

## The Phaser 8560MFP is a true workgroup MFP—without compromise

- Superior performance
- Better print quality and more consistent color
- True concurrency
- More paper capacity

- Legendary solid ink ease-of-use
- Automatic two-sided printing, copying and scanning
- Better productivity features
- Xerox Total Satisfaction Guarantee

| PRINT FEATURES | Phaser 8560MFP | HP LaserJet 2820/2840AiO |
|---|---|---|
| **Faster print speed**<br>• Greater productivity and ability to support larger workgroups | Up to 30 ppm color / black  *FASTER!* | Up to 4 ppm color<br>Up to 20 ppm black |
| **Faster first-page-out time[1]**<br>• Less waiting so you can meet those fast-approaching deadlines | As fast as<br>6 seconds (print) / 15 seconds (copy) | As fast as 35 seconds color<br>As fast as 24 seconds black |
| **Automatic two-sided printing**<br>• Save time and money…and a lot of effort | Available with<br>print, copy and scan functions | Not available with print, copy, and scan functions (manual only) |
| **Better media handling**<br>• Get more flexibility and creative freedom with your choice of heavier media types | Tray 1 (MPT): 60 to 220 gsm<br><br>Main Tray: 60 to 120 gsm | MPT: 60 to 177 gsm (non-HP papers)<br>Up to 220 gsm (HP papers only)<br>Main Tray: 60 to 105 gsm |
| **Larger media capacity**<br>• Over 4-times the maximum paper input capacity for fewer interventions and the ability to load different media types in separate trays | Standard input: 625 sheets<br>Maximum input: 1,675 sheets<br>Up to 4 media trays  *MORE!* | Standard input: 125/375 sheets<br>Maximum input: 375 sheets<br>Up to 2 media trays |
| **Superior print quality and more consistent color**<br>• Solid ink technology generates incredibly smooth and consistent color and print quality. Details and registration are amazingly accurate. Color control is an intuitive snap with its automatic Xerox color options | Vibrant finish<br>Consistent color | Flat finish<br>Exhibits banding and poor transfer |
| **Better language support**<br>• Genuine Adobe® PostScript® 3™ for truer, more accurate printing | Adobe PostScript 3, PCL 5c emulation, direct PDF printing | PostScript 3 emulation, PCL 6 |
| **COPY FEATURES** | | |
| **Faster copies from ADF[1]**<br>• Spend less time waiting for your copies—in both color and black-and-white | 11 ppm color<br>11 ppm black  *FASTER!* | 4 ppm color<br>2 ppm black |
| **Dual-side ADF[1]**<br>• Automatic two-sided copying saves time and boosts productivity while lowering costs | Up to 9 sheets per minute in color/black<br>(18 ppm effective throughput) | Not available: single-side copying only |
| **Simple and intuitive control panel**<br>• Spend less time learning and more time being productive | Large 6-line LCD display<br>Indicator lights for status | Small 2-line display<br>No indicator lights |
| **Standard and advanced copy features**<br>• The 8560MFP offers greater flexibility with powerful features that are often found only in high-end copiers<br>• The HP 2800 series lacks many of the advanced features found in high-end copiers | Original Type: (Text, Graphics, Mix, Photo); Reduce/Enlarge; Lighten/Darken; Color/Black; Output quality: (Fast, Standard, Enhanced, Photo) ;Simplex/Duplex: (2-1, 2-2, 1-2, 1-1); Edge erase; Image shift; N-up; Booklet; Posters; Gutter erase; Password protect color copy access; Color balance; Cover Pages; Auto Cropping; Background Mask | Original Type: (Draft, Text, Mixed); Reduce/Enlarge; Lighten/Darken; Color/Black; Simplex: (1-2, 1-1); N-up: ( 2 up, 4 up) |
| **More versatile copying**<br>• With the Phaser 8560MFP there is no need to worry about what tray is used for copying legal-size originals | Flat Bed and ADF: up to legal size | Flat Bed: up to letter-size only<br>Requires ADF for legal-size originals |

1. Times based on Phaser 8560MFP and HP 2840AiO testing (mixed graphics and text documents; default quality mode).

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| SCAN FEATURES | Phaser 8560MFP | HP LaserJet 2820/2840AiO |
|---|---|---|
| **Faster ADF scan speeds**<br>• The Phaser 8560MFP uses a dual-head scanner to scan both sides of a page at once—a huge benefit over HP's single-head scanner | Color: 15 ppm<br>Black: 15 ppm   **FASTER!** | Color: 2 ppm<br>Black: 5 ppm |
| **More scan destinations**<br>• Unlike the 2800 series, users can scan a file to the Phaser 8560MFP device's hard drive and reprint it at a later time | Scan to: PC / Mac, Mailbox, TWAIN, Email (via Xerox Scan Utility), Desktop, Public / Private folders | Scan to PC folder, email, network |
| **More file formats**<br>• Unlike the HP device, the Phaser 8560MFP does not require any third-party scanning software to output different file formats | BMP, GIF, JPEG, TIFF, PDF | JPEG only (scanning multipage documents requires TIFF or PDF formats) |
| **FAX FEATURES** | | |
| **PC Fax**<br>• The Phaser 8560 makes faxing easier by utilizing the same driver that users are familiar with<br>• By contrast, HP requires the user to install a separate driver for printing and faxing | Embedded in print driver for simplicity | 2820: Fax not available<br><br>2840: Requires a separate fax driver |
| **More speed / group dials** | Up to 200 / 100 dials | Up to 120 / 20 dials |
| **Higher fax resolutions** | Up to 400 dpi | Up to 300 dpi |
| **SYSTEM FEATURES** | | |
| **Faster processor** | 600 MHz | 264 MHz |
| **More memory**<br>• Over five-times the standard memory and four-times the maximum memory means the Phaser 8560MFP can handle more complex tasks quicker and more reliably | 512 MB standard<br>1 GB maximum | 96 MB standard<br>244 MB maximum |
| **Hard drive** | 40 GB standard | Hard drive not available |
| **MFP vs. All-in-One**<br>• Unlike the HP device, the Phaser 8560MFP can print, scan, copy, and queue print jobs concurrently, as well as retrieve scan jobs while performing these functions | True multitasking | No multitasking |
| **Better device management**<br>• Xerox offers automated self-help tools—reduce support requests to the help desk<br><br>• If the Phaser 8560MFP needs attention, it will provide detailed and graphical onscreen alerts—or connect the user to the same extensive Knowledge Base that Xerox technicians use | PrintingScout on-screen alerts, PhaserSMART on-line troubleshooting, Job Accounting, Usage Analysis Tool, Email alerts on supplies status, Configuration SIM for hot swapping configuration settings between devices | HP Toolbox provides limited alert functionality (Lab results indicate that it is not consistent) |
| **Easy driver and software installation[1]**<br>• With the Phaser 8560MFP, installation of Print, Network Scan and PC Fax drivers is only five mouse-clicks away<br>• With the HP 2800 series, initial install of only the print drivers consisted of 20 unpack screens plus 13 driver-decision screens | 1:40 using Walkup Technology | 22:40 + 1 call to HP help desk to disable computer protection + 1 reboot |
| **Easy driver software removal**<br>• Unlike the HP 2800 series, the Phaser 8560MFP requires no extra programs to remove its software | 1:23 with no reboot | Over 13 minutes using 2 HP programs, 1 Windows program and 2 PC reboots |
| **Security highlights**<br>• Secure Print on the Phaser 8560MFP means "your eyes only" printing—each job is stored on its hard drive until a PIN is entered. And with Image Overwrite, a user's sensitive data will be permanently erased when the user is finished<br>• Scan to the Phaser 8560MFP device's Public or Private Folders as well as password protect access to color copying<br>• Use the Phaser 8560MFP device's Host Access List to limit computers that can print or scan to the device | Color access restrictions, SSL – encrypts user data, Secure printing via hard drive, Color copy access restriction via PIN, CWIS: user-type-access-restrictions for both embedded pages as well as front panel menus and content. Personal Print (store secure jobs for later use!) | Secure printing only via memory |

1. Times based on Phaser 8560MFP and HP 2840 testing (mixed graphics and text documents; default quality mode).

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## Other Xerox Phaser 8560MFP Advantages

**Competitive Comparison**

**8560MFP**



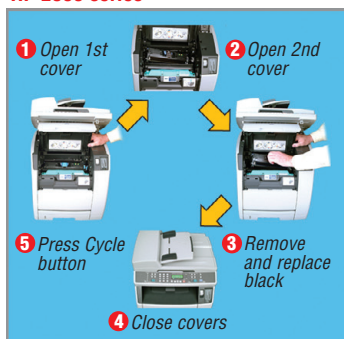### Simple design = simple maintenance

The 8560MFP device's solid ink technology is legendary for its ease of use. Loading ink is as easy as loading a stapler — even a child can do it.

The HP device, as you can see in the photo series below, is complicated. Opening its front cover engages dozens of breakable plastic moving parts. And there are far more steps required to replace toner cartridges than for the Phaser 8560MFP.

**HP 2800 series**


❶ Open 1st cover ❷ Open 2nd cover ❸ Remove and replace black ❹ Close covers ❺ Press Cycle button

*Black Toner*


❶ Open 1st cover ❷ Open 2nd cover ❸ Remove and replace yellow ❹ Close covers ❺ Press Cycle button

*Yellow Toner*


❶ Open 1st cover ❷ Open 2nd cover ❸ Remove and replace magenta ❹ Close covers ❺ Press Cycle button

*Magenta Toner*


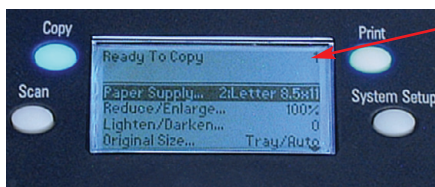❶ Open 1st cover ❷ Open 2nd cover ❸ Remove and replace cyan ❹ Close covers ❺ Press Cycle button

*Cyan Toner*

### Front panel display eliminates guesswork

The 8560MFP device's front panel display is larger and shows more helpful information, including animated graphics to aid in maintenance.

The HP 2800 series' front panel is smaller, provides less information at a glance, and requires more button-pushing to find what you need.


→ 6-line display complete with animations

*Xerox 8560MFP*


→ Limited 2-line display with no animation

*HP 2800 AiO series*
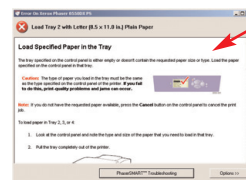
### Real-world performance

The 8560MFP has a dramatic performance advantage over HP's LaserJet AiO in both specifications and most importantly real-world performance.

|  | 8560MFP | HP 2800 series |
|---|---|---|
| Monochrome e-mail (1 page)[2] | **8 seconds** | 24 seconds |
| Excel spreadsheet (1 page)[2] | **8 seconds** | 35 seconds |
| Real estate PDF (2 pages)[2] | **15 seconds** | 37 seconds |
| PowerPoint presentation on paper (8 pages)[2] | **49 seconds** | 295 seconds |
| Complex multilayered file[2] | **48 seconds** | 493 seconds |

[2] All pages printed in default print mode on letter-size media.

### Xerox PrintingScout

The 8560MFP device's proactive PrintingScout tool provides instant, detailed, and graphical on screen alerts with instructions on what to do. Advantages include productivity gains plus reduction in support requests to the help desk.


→ Easy-to-understand instructions get users printing fast

*Xerox PrintingScout*

**www.xerox.com/office**