

Xerox EX 280 vs EX-i 280

Version 3.1



Top reasons to buy the Xerox EX 280 Print Server

Because the investment horizon for a new digital press is from three to five years, it's always good to consider both current and future needs of your print environment when deciding on your next digital press.

There are two Fiery® server platforms for the Xerox® Versant® 280 Press — the external Xerox EX 280 Print Server Powered by Fiery and the embedded Xerox EX-i 280 Print Server Powered by Fiery. These platforms vary in the level of PDF processing controls, automation, productivity, workflow integration, and expandability they offer.

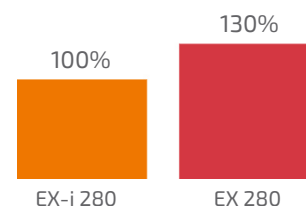
This document helps you understand the benefits of an external Fiery server, how it meets your current needs and how it offers built-in flexibility for future growth.

Xerox EX 280 Print Server only: Exclusive features

The Xerox EX 280 Print Server offers exclusive features that add productivity, quality, and new services to your production environment. These features are not available on the Xerox EX-i 280 Print Server.

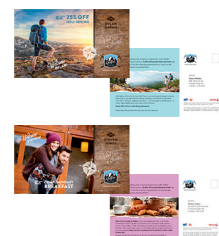
1. FASTER TURNAROUND TIMES

To maximize your engine capacity, you need a high-powered digital front end to process and drive data fast enough to minimize engine idle time. More robust and powerful hardware specifications make the Xerox EX 280 Print Server 30% faster than the Xerox EX-i 280 Print Server, making it the best choice for production environments.



2. FLEXIBLE VARIABLE DATA PRINTING SERVICES

The robust, open, flexible, and scalable Xerox EX 280 Print Server includes out of the box all leading variable data printing (VDP) formats including PDF-VT 2, VPS, PPML, and Xerox VIPP; and works with all leading VDP composition software and formats for seamless workflows. The faster processing speed also makes offering VDP services more profitable.





Xerox EX 280 Print Server: Exclusive features (continued)

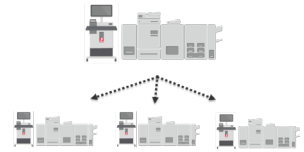
3. FIERY QUICKTOUCH SOFTWARE

The Xerox EX 280 Print Server features Fiery NX Pro hardware. The NX Pro includes Fiery QuickTouch™ software on the touchscreen display, which gives faster views of job status information and access to server management. With just a tap, the touchscreen display gives operators easy access to intuitive system installation, backup and restore, plus system diagnostics.



4. FIERY DEPLOYABLE IMAGE

Service technicians can save time when installing multiple Windows-based Fiery servers in a single organization. The Fiery deployable image captures a distributable image of a fully configured Fiery server, including Fiery patches, Windows security updates, and user configurations.



5. MICROSOFT WINDOWS 10 IOT ENTERPRISE 2021 LTSC

The Xerox EX 280 Print Server uses Microsoft Windows® 10 IoT Enterprise 2021 LTSC as the operating system. It includes the cumulative enhancements provided in all previous Windows 10 versions, up to 21H2.



In addition, the Xerox EX 280 Print Server offers the option to use a customer hardened Windows 10 OS image to meet security compliance requirements.

6. SINGLE SIGN-ON

The Xerox EX 280 Print Server can be configured so that users can log in using existing AAD (Azure Active Directory/Microsoft Entra ID) credentials. Multi-factor and two-factor authentication (MFA/2FA) workflows are also supported.



7. COMPLIANCE WITH KEY SECURITY REGULATIONS AND FRAMEWORKS

The Xerox EX 280 Print Server conforms with key security regulations and frameworks, such as NIST 800-88 data sanitization. With the optional Fiery High Security Kit 1.0, the Xerox EX 280 Print Server is in full compliance with the TPM 2.0 specification, FIPS 140-2, and Common Criteria*.



8. SECURE STORAGE FOR PRINT FILES

The optional Fiery disk drive security kits allow operators to lock the server drive into the system for normal operation and remove it to a secure location after powering down the server.



*With proper configuration by end customer or service provider



Xerox EX 280 Print Server: Exclusive features (continued)

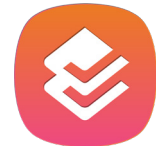
9. A CENTRALIZED PRODUCTION WORKSPACE FOR OPERATORS

The Fiery NX Station GL is a compact, centralized workstation for Fiery external servers. It features a 22" display, Fiery Ticker, work stand, and a wireless keyboard and mouse.



10. FIERY PREFLIGHT PRO

The ultimate set of PDF preflight checks, Fiery Preflight Pro (part of the optional [Fiery Graphic Arts Pro Package](#)) allows users to verify file compliance against industry standards and identify potential errors in files, which can then be viewed in the interactive Preflight Pro Report.



Xerox EX 280 Print Server only: Standard features

The Xerox EX 280 Print Server includes these key features in the standard configuration. They are available for the EX-i 280 Print Server by purchasing optional packages. Be sure to compare the cost of the EX-i 280 Print Server with the optional packages added for a more accurate comparison to the EX 280 Print Server.

1. FIERY JOBEXPERT

Reduce setup time and cut waste with [Fiery JobExpert](#)[™] — a built-in feature in Fiery Command WorkStation[®] — that automatically analyzes each PDF print job in detail and sets the best Fiery job settings for color management, image quality, VDP settings, and engine specific properties. Plus, Fiery JobExpert includes exclusive presets for the Xerox Versant 280 that automatically configure optimal color & engine properties to deliver more pleasing output.



2. PERFECT PDF PRINTING IN A PURE PDF WORKFLOW

[Adobe PDF Print Engine](#) offers the option of a native PDF end-to-end workflow, which improves the consistency and flexibility of the printed output from design to output in digital and offset print solutions.



Adobe PDF Print Engine

3. FULLY VISUAL IMPOSITION

[Fiery Impose](#) enables easy booklet creation, provides several gangups, supports cutting and stacking, plus integrates with offline finishers to reduce 70% of job setup time.



4. SUPERIOR PHOTOGRAPHIC PRINTS

[Fiery Image Enhance Visual Editor](#), a Command WorkStation plug-in, allows operators to make last-minute edits to a selected image without having to open the image in applications such as Adobe Photoshop[®].





Xerox EX 280 Print Server: Standard features (continued)

5. AUTOMATED WEB-TO-PRINT AND INTEGRATION WITH MIS SYSTEMS

Fiery servers are certified by CIP4 as fully compliant with the job definition format ([JDF](#)) IDP-ICS. By adhering to this standard, Fiery servers integrate seamlessly with leading MIS and Web-to-Print systems as well as with industry-leading third-party prepress workflow solutions such as Agfa® APOGEE™, Kodak® Prinergy®, Heidelberg® Prinect®, and SCREEN Equios. This helps you more efficiently deliver job specifications, update job status in real time, track job costing data, and validate equipment usage.



6. REDUCE WASTE BY CATCHING POTENTIAL FILE ERRORS BEFORE PRINTING

Fiery Preflight checks jobs for problems before they are printed. It identifies potential errors like lo-res images or overprint and checks for missing elements, like spot colors, before they result in rejected prints that must be reprinted. Fiery Preflight can be automated through a Fiery Hot Folder workflow or with Fiery JobFlow.



Both Fiery servers: Optional features

These features are available on both Fiery servers for the Xerox Versant 280 Press by purchasing optional packages.

1. SAVE TIME ON COMPLEX DOCUMENT PREPARATION

Add [Fiery JobMaster™](#) to offer advanced PDF makeready capabilities such as insertion of tab pages without the need to design them in the native application, multi-bank and bleed-edge tab setup, page merging, media assignment, finishing, page numbering, plus hard-copy scanning and cleanup. This allows you to produce jobs completely inline and reduce labor costs on manual tab insertion.



2. FIERY SPOT PRO

A must for any production environment, [Fiery Spot Pro](#) ensures that brand colors are reproduced correctly, every time. Create a spot color alias, import/export spot color libraries as Adobe Swatch Exchange (.ase files) to share with designers, create more customized swatch books, see at-a-glance if a color is in or out of press gamut, edit spot colors in a specific job, optimize all spot colors in just one step, and get a spot color checkup to ensure spot colors print consistently over time.



3. FIERY IMAGEVIEWER

With Fiery ImageViewer, you can make more powerful late-state color edits right at the DFE. Choose to edit colors in a specific area of the page, including replacing specific color, or adjusting the color curves. Plus, you can generate soft proofs for customers in just a few clicks.





Both Fiery servers: Optional features (continued)

4. PROFESSIONAL COLOR MANAGEMENT FOR ALL

With [Fiery Color Profiler Suite](#), you can create ICC profiles with a complete color management solution for more accurate color transformations and corrections. Users can perform color quality assurance and match color across multiple presses, as well as calibrate Fiery Driven™ print systems to G7. The ES-3000 accurately measures color patches for print-engine calibration and captures spot colors from a physical swatch for inclusion in a Fiery spot color library. Combined with Fiery Color Profiler Suite, it creates CMYK and RGB profiles for input and output devices.

A license for Fiery Color Profiler Suite also enables **1-step color management**. This revolutionary media color management feature combines calibration and media profile creation into one single wizard-driven action, simplifying the process and making it easy for anyone to get the best possible quality out of the printer. You can even create a G7 calibration and profile in a single step.

Adding the optional inline spectrophotometer on the EX 280 provides exclusive benefits: an automated, touchless workflow for 1-step color management, plus zero-touch recalibration, which delivers hands-off, automated recalibration and eliminates the need for operators to remember to perform calibration, or halt production to recalibrate. This makes it easy for operators to get consistent color with no manual actions required.



5. FIERY COMPOSE

Add [Fiery Compose](#) for an advanced preview and editing environment to simplify media assignments, tab printing, chapterization and document finishing.





Key comparative features

Fiery server feature	Xerox EX 280 Print Server v3.1	Xerox EX-i 280 Print Server v3.1
Fiery software	Fiery FS600 Pro	Fiery FS600
Fiery platform	NX Pro Gen III	E500
CPU	Intel® Core™ i5-8500 processor	Intel® Pentium® G5400 processor
Operating system	Microsoft Windows 10 IoT Enterprise 2021 LTSC	Linux
Memory	8 GB (2 x 4 GB)	8 GB (2 x 4 GB)
Disk drive(s)	SSD boot drive for OS and Fiery software + 1 TB HDD	500 GB HDD
Fiery disk drive security kit	OPTIONAL	NOT AVAILABLE
VDP formats	INCLUDED: PPML 2.0/2.2/3.0, PDF/VT-1, PDF/VT-2, VPS, Fiery FreeForm™ Plus	INCLUDED: Fiery FreeForm Plus OPTIONAL: PDF/VT-1 with Fiery JobExpert and PDF Processing Kit
Fiery FreeForm™ Create	INCLUDED	INCLUDED
Fiery JobExpert™	INCLUDED	OPTIONAL with Fiery JobExpert and PDF Processing Kit
Fiery Spot-On™	INCLUDED	INCLUDED
Adobe® PDF Print Engine***	INCLUDED	OPTIONAL with Fiery JobExpert and PDF Processing Kit
PDF/X Output Intent	INCLUDED	INCLUDED
Fiery Hot Folders/Virtual Printers	INCLUDED	INCLUDED
Fiery JDF/integration to MIS and Web-to-Print systems	INCLUDED	OPTIONAL with Fiery Automation Package*
Fiery Image Enhance Visual Editor	INCLUDED	OPTIONAL with Fiery ColorRight Package*
Fiery ImageViewer, Fiery Spot Pro, Fiery Postflight, Fiery Control Bar	OPTIONAL with Fiery Graphic Arts Pro Package*	OPTIONAL with Fiery ColorRight Package*
Fiery Preflight	INCLUDED	OPTIONAL with Fiery Automation Package*
Fiery Preflight Pro	OPTIONAL with Fiery Graphic Arts Pro Package*	NOT AVAILABLE
Fiery Impose	INCLUDED	OPTIONAL
Fiery Compose*	OPTIONAL	OPTIONAL
Fiery JobMaster*	OPTIONAL	OPTIONAL
Fiery Color Profiler Suite** with Fiery ES-3000 spectrophotometer	OPTIONAL	OPTIONAL
Fiery High Security Kit v1.0	OPTIONAL	NOT AVAILABLE
Fiery NX Station GL	OPTIONAL	NOT AVAILABLE
Easy Vitals for the Xerox® Versant® 280 Press	INCLUDED	INCLUDED
Integration with Xerox FreeFlow® Vision FreeFlow Core	INCLUDED	INCLUDED
1-step color management	OPTIONAL: requires Fiery Color Profiler Suite and ES-3000 or inline spectrophotometer	OPTIONAL: requires Fiery Color Profiler Suite and ES-3000
Zero-touch recalibration	OPTIONAL: requires Fiery Color Profiler Suite and inline spectrophotometer	NOT AVAILABLE

* Free 30-day trial available at fiery.com

** Free trial in demo mode available

*** Updated on an ongoing basis



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