

Top reasons to buy the Xerox EX 280 Print Server

Because the investment horizon for a new digital printing system is from three to five years, it's always good to consider both current and future needs of your print environment when deciding on a new digital printing system. EFI™ offers two Fiery® server platforms for the Xerox® Versant® 280 Press— the external EX 280 Print Server and embedded EX-i 280 Print Server. These two server platforms vary by the level of PDF processing controls, automation, productivity, workflow integration and expandability they offer.

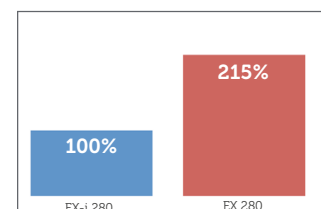
This document helps you understand the benefits of an external Fiery server, how it meets your current needs and how it offers built-in flexibility for future growth.

Xerox EX 280 Print Server: Standard features

The Xerox EX 280 Print Server comes with standard 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 maximise your engine capacity, you need a high-powered digital front end to process and drive data fast enough to minimise engine idle time. More robust and powerful hardware specifications make the EX 280 Print Server more than twice as fast compared to the EX-i 280 Print Server, making it the best choice for demanding production environments.



2. Supports all industry standard VDP formats

The robust, open, flexible, and scalable Fiery solution supports all leading VDP formats including PDF/VT, Creo® 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.



3. Perfect PDF printing in a pure PDF workflow

The Xerox EX 280 Print Server includes the Adobe® PDF Print Engine (APPE) interpreter for end-to-end native PDF workflows. This allows consistency and flexibility from design to output in hybrid digital and offset print environments, and also ensures correct representation of color spaces and transparencies.



Xerox EX 280 Print Server: Standard features (continued)

4. Automated Web-to-Print submission, and integration with EFI MIS systems

The Xerox EX 280 Print Server is certified by CIP4 job definition format (JDF) IDP-ICS. By adhering to this standard, Fiery servers integrate seamlessly with EFI 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, SCREEN EQUIOS®, and Xerox® FreeFlow® Workflow Collection. This helps you more efficiently deliver job specifications, update job status in real time, track job costing data and validate equipment usage.



5. Inline tab insertions

Create and insert tab sheets directly into documents in [Fiery Command WorkStation®](#) by entering the text for each tab and specifying the location of the tab at the last possible stage in the print submission process.



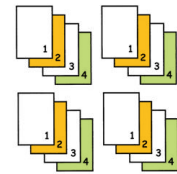
6. A way to offer pad printing

With the Xerox EX 280 Print Server, operators can print pads with ease from a single-page job, and with minimal manual collation of the printed output.



7. Integration with transactional printing workflows

The Xerox EX 280 Print Server can adapt to legacy transactional printing workflows with features such as Set Page Device to define media pulls and map the output destination, and Sequential Print to ensure the order of the final output is correct.



8. Microsoft Windows® 10 IoT Enterprise 2019 LTSC

The Xerox EX 280 Print Server uses the Windows 10 IoT Enterprise 2019 LTSC operating system. This Windows edition contains the latest security protections and includes the cumulative feature enhancements provided in Windows 10 versions 1703, 1709, 1803, and 1809.



9. On-the-fly image enhancement

[Fiery Image Enhance Visual Editor](#) enables quick, automatic adjustment of image colours in a job (including red-eye correction) without the need to open the file in the originating application.



8. Fiery QuickTouch™ software

The EX 280 Print Server features the new 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.



Xerox EX 280 Print Server: Optional features

The Xerox EX 280 Print Server offers optional software and hardware solutions that add advanced prepress, makeready, automation and colour correction for high-production print facilities. These features are not available on the Xerox EX-i 280 Print Server.

1. Print files right the first time, every time

[Fiery Graphic Arts Package, Premium Edition](#) helps identify and correct print problems before they result in rejected jobs and waste. Two included features, Fiery Spot Pro and Fiery ImageViewer, ensure the most accurate brand colour reproduction and enable quick colour adjustments right at the DFE to keep production moving efficiently.



2. A powerful makeready option to produce differentiated output

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.



3. Accelerated production with prepress workflow automation

Add [Fiery JobFlow](#) for cost-effective, advanced prepress capabilities. You can easily configure automated job workflows including PDF conversion, preflight, correction and editing of PDF files, image enhancement, document imposition, plus approval and job ticketing.



4. Secure storage for print files

The optional removable hard disk drive allows you to lock the server drive into the system for normal operation and remove it to a secure location after powering down the server.



Xerox EX 280 Print Server: Performance Package

The Performance Package option for the EX 280 Print Server, a fully integrated combination of EFI and Xerox software and hardware, integrates powerful tools designed for professional production environments to achieve the highest colour consistency and precision, streamline job preparation, and achieve maximum productivity.

Order all components listed on this page from Xerox to get the Performance Package feature set.

1. Fiery Color Profiler Suite with EFI ES-3000 spectrophotometer

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



2. Fiery Compose

Provides an advanced preview and editing environment to simplify media assignments, tab printing, chapterisation and document finishing. Learn more [here](#).



3. Fiery NX Station GL

A compact, centralised workstation for Fiery external servers. It features a 22" display, Fiery Ticker, work stand, and a wireless keyboard and mouse. Learn more [here](#).



4. Xerox options for automatic calibration

Xerox Interface Decurler Module (IDM/ILS) hardware includes All Stocks Rated Speed, X-Rite® Inline Spectrophotometer, and Xerox Automated Color Quality Suite software (ACQS) for automated calibration / profile creation to achieve accurate and predictable colour with the minimum of time and labor.



Server comparison

FIERY PLATFORM	EXTERNAL - XEROX EX 280 PRINT SERVER	EMBEDDED - XEROX EX-i 280 PRINT SERVER
Fiery Software	Fiery FS200 Pro	Fiery FS200
Fiery Platform	NX Pro	E ³⁰⁰
CPU	Intel® Core™ i5-4570S Processor, 2.9 up to 3.60 GHz with Turbo, Quad Core	Intel Pentium® Processor G1850, 2.7 GHz, Dual Core
Operating System	Windows 10 IoT Enterprise 2019 LTSC	Linux
RAM/Hard Disk Drive (HDD)	8 GB / 1 TB SATA	2 GB / 500 GB SATA
Removable HDD	OPTIONAL	Not Available
Removable Storage	DVD-RW/CD-RW	Not Available
VDP formats	PPML 2.0/2.2/3.0, PDF/VT-1, PDF/VT-2, VPS, Xerox VIPP, Fiery FreeForm™	Fiery FreeForm
Fiery FreeForm™ Create	INCLUDED	INCLUDED
Adobe® PDF Print Engine (APPE)	INCLUDED	Not Available
Fiery JDF	INCLUDED	Not Available
Integration to EFI MIS and Web-to-Print systems	INCLUDED	Not Available
Set Page Device, Sequential Print	INCLUDED	Not Available
PDF/X Output Intent	INCLUDED	Not Available
Pad Printing	INCLUDED	Not Available
Insert Tab	INCLUDED	Not Available
Fiery Graphic Arts Package, Premium Edition (includes Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight, Fiery Postflight, and Fiery Control Bar Builder)	OPTIONAL*	Not Available
Fiery Image Enhance Visual Editor	INCLUDED	Not Available
Fiery Impose	INCLUDED	OPTIONAL*
Fiery Compose	OPTIONAL*	Not Available
Fiery JobMaster	OPTIONAL*	Not Available
Fiery JobFlow Base	INCLUDED	Not Available
Fiery JobFlow	OPTIONAL*	Not Available
Fiery NX Station GL	OPTIONAL	Not Available
Fiery Color Profiler Suite w/ES-3000 spectrophotometer	OPTIONAL	OPTIONAL
EFI IQ	Includes access to free cloud applications	Includes access to free cloud applications
Xerox hardware and software options		
Xerox Performance Package: Fiery Color Profiler Suite w/ES-3000, Fiery Compose, Fiery NX Station GL, Xerox ILS, Xerox ASRS, Xerox ACQS	OPTIONAL	Not Available
ASRS	OPTIONAL	OPTIONAL
For more information on all of the features, see the EX 280 and EX-i 280 datasheets on the Versant 280 engine page .		

*30-day free trial available at efi.com



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