Top reasons to buy the Xerox EX 180 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® 180 Press— the external EX 180 Print Server and embedded EX-i 180 Print Server. These two server platforms vary by the level of PDF processing controls, automation, productivity, workflow integration and expandability they offer.

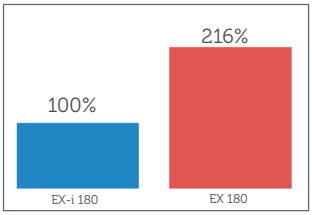
This document helps you understand the benefits of an external Fiery server, how it meets your current needs and how it offers built-in flexibility for future growth.

Xerox EX 180 Print Server: Standard features

The Xerox EX 180 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 180 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 EX 180 Print Server more than twice as fast compared to the EX-i 180 Print Server, making it the best choice for demanding production environments.



2. Powerful variable data printing (VDP) services

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 180 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 colour spaces and transparencies.

ADOBE® PDF PRINT ENGINE

Xerox EX 180 Print Server: Standard features (continued)

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

The Xerox EX 180 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™, Heidelberg® Prinect®, Kodak® Prinergy®, 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 separations

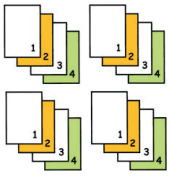
Create and insert tab sheets directly into documents at Fiery Command WorkStation® by entering the text for each tab and specifying the location of the tab at the last possible stage in the print submission process.

6. A way to offer pad printing

With the Xerox EX 180 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 180 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.

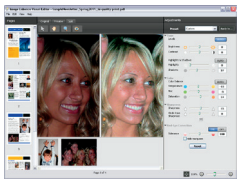


8. Windows® 8.1 Pro OS flexibility

The Xerox EX 180 Print Server complies with the latest corporate IT standards and provides more efficient administration and implementation of security patches. You can also easily implement standard industry practices such as running anti-virus software.

9. On-the-fly image enhancement

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



8. Fiery QuickTouch™ software

The EX 180 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 180 Print Server: Optional features

The Xerox EX 180 Print Server offers optional software and hardware solutions that add advanced prepress, makeready, automation and workflow integration for high-production print facilities. These features are are not available on the Xerox EX-i 180 Print Server.

1. Upgrade to the Xerox Performance Package

The Xerox Performance Package option delivers higher ROI with powerful tools for professional production environments to achieve the highest color consistency and precision at all times, streamline job preparation and ensure maximum engine productivity at rated speeds.

2. Print files right the first time, every time

Fiery Graphic Arts Package, Premium Edition provides a set of expert-level tools that provide control of output quality, repeatability, consistency. Applications such as Preflight and ImageViewer allow you to preview output and troubleshoot digital print jobs, catching problems before they result in bad prints that must be reprinted to satisfy the print buyer.

3. 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.

4. 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.

5. 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.

Server comparison

FIERY PLATFORM	EXTERNAL - EX 180 PRINT SERVER	EXTERNAL - EX 180 PRINT SERVER WITH PERFORMANCE PACKAGE OPTION	EMBEDDED - XEROX EX-i 180 PRINT SERVER
Fiery Software	Fiery FS200 Pro	Fiery FS200 Pro	Fiery FS200
Fiery Platform	NX Pro	NX Pro	E300
CPU	Intel® Core™ i5-4570S Processor, 2.9 up to 3.60 GHz with Turbo, Quad Core	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	Microsoft Windows 8.1 Professional x64	Microsoft Windows 8.1 Professional x64	Linux
RAM/Hard Disk Drive (HDD)	4 GB/ 1 TB SATA	4 GB/ 1 TB SATA	2 GB/ 500 GB SATA
Removable HDD	OPTIONAL	OPTIONAL	Not Available
Removable Storage	DVD-RW/CD-RW	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™	PPML 2.0/2.2/3.0, PDF/VT-1, PDF/VT-2, VPS, Xerox VIPP, Fiery FreeForm™	Fiery FreeForm
Adobe® PDF Print Engine (APPE)	INCLUDED	INCLUDED	Not Available
Fiery JDF	INCLUDED	INCLUDED	Not Available
Integration to EFI MIS and Web-to-Print systems	INCLUDED	INCLUDED	Not Available
Set Page Device, Sequential Print	INCLUDED	INCLUDED	Not Available
PDF/X Output Intent	INCLUDED	INCLUDED	Not Available
Pad Printing	INCLUDED	INCLUDED	Not Available
Insert Tab	INCLUDED	INCLUDED	Not Available
Fiery Graphic Arts Package, Premium Edition	OPTIONAL*	OPTIONAL*	Not Available
Fiery Image Enhance Visual Editor	INCLUDED	INCLUDED	Not Available
Fiery Impose	INCLUDED	INCLUDED	OPTIONAL
Fiery Compose	OPTIONAL	INCLUDED	Not Available
Fiery JobMaster	OPTIONAL*	OPTIONAL*	Not Available
Fiery JobFlow Base	FREE	FREE	Not Available
Fiery JobFlow	OPTIONAL*	OPTIONAL*	Not Available
Fiery Navigator	FREE (first 3 Fiery servers)	FREE (first 3 Fiery servers)	FREE (first 3 Fiery servers)
Fiery NX Station GL: Fiery work stand, Fiery Ticker, 22" monitor, wireless keyboard and mouse	OPTIONAL	INCLUDED	Not Available
Fiery Color Profiler Suite w/ES-2000 spectrophotometer	OPTIONAL	INCLUDED	OPTIONAL
Xerox options: inline spectrophotometer, all stocks rated speed, Automated Color Quality Suite	Not Available	INCLUDED	Not Available
For more information on all of the features, see the ***EX 180*** and ***EX-i 180*** datasheets.			

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