

Fiery external print servers: Top reasons to buy the Fiery E-44B 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 RICOH Pro C5200s/C5210s – the external Fiery E-44B server and the embedded Fiery E-24B server. These two server platforms vary by the level of PDF-processing controls, automation, productivity, workflow integration and expandability they offer.

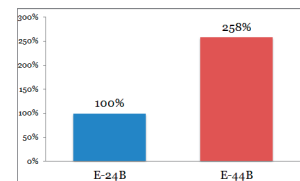
This document helps you understand the benefits of an external Fiery server, how it meets your current needs and how it offers built-in flexibility for future growth.

Fiery E-44B server only: Standard features

The Fiery E-44B server comes with standard features that add productivity, quality and new services to your production environment. These features are not available on the Fiery E-24B 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 Fiery E-44B server more than 2.5x faster than the Fiery E-24B server, making it the best choice for demanding production environments.



2. Flexible variable data printing (VDP) services

The robust, open, flexible, and scalable Fiery solution supports all leading VDP formats including PDF-VT, Creo VPS and PPML, 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

Fiery external servers include 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.



Fiery E-44B server only: Standard features (continued)

4. Inline tab insertions

Create and insert tab sheets directly into documents with 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.



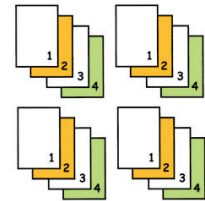
5. A way to offer pad printing

With external Fiery servers, operators can print pads with ease from a single-page job, and with minimal manual collation of the printed output.



6. Integration with transactional printing workflows

The Fiery external 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.



7. Windows® Embedded 8.1 Pro OS flexibility

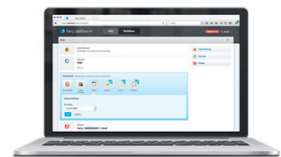
Fiery external servers comply with the latest corporate IT standards and provides more efficient administration and implementation of security patches. You can also easily implement standard industry practices such as running anti-virus software.



8. Don't touch what you can automate

The free Fiery JobFlow™ Base comes pre-installed on the external server, ready to use to build your most common workflows. Submit files to the proper location or just drag and drop them right on to the workflow. Perform essential job processing tasks and receive email notifications on job progress. Archive jobs at various processing stages for later reuse.

Upgrade to the paid version, Fiery JobFlow, for cost-effective, advanced prepress capabilities. You can easily configure automated job workflows including preflight, correction and editing of PDF files, plus approval, scripting and job ticketing.



9. Dynamic HD Text and Graphics

Fiery E-44B provides the innovative Dynamic HD Text and Graphics feature which offers the ability to RIP files at 1200 dpi to preserve high-detail content and reduce the jaggedness visible in half-toned, non-saturated objects. It also reproduces accurately ultra-thin lines, small text, and fine details in the printed output.



Fiery E-44B server only: Optional features

The Fiery E-44B server offers optional software and hardware solutions that add advanced prepress, makeready, automation and workflow integration for high-production print facilities. These features are not available on the Fiery E-24B server.

1. The ability to identify and troubleshoot file problems before it's too late

Fiery Preflight, a feature in the Fiery Graphic Arts Package, Premium Edition, quickly checks for missing spot colors, VDP elements, or low resolution images. It prevents problem jobs from printing and helps troubleshoot issues faster.



2. A centralized production workspace for operators

Operators can make pre-production changes from a local monitor, keyboard and mouse. Or you can upgrade to the Fiery Integrated Workstation with a custom furniture stand. The monitor displays the Fiery Ticker for an at-a-glance view of the printing status at a distance.



3. 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.



4. 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.



Fiery E-24B server: Optional features

While these features are standard on the Fiery E-44B server, you may add them as options to the Fiery E-24B server by purchasing the Fiery Productivity Package or stand-alone software tools. Be sure to compare the cost of the embedded Fiery E-24B server with the additional software added for a more accurate comparison to the external Fiery E-44B server.

1. Automated job submission that eliminates touch points

Workflow automation in the job submission process with Hot Folders and Virtual Printers reduces errors and saves time, while allowing operators to give more attention to other jobs that require specific finishing and color settings.



2. Superior photographic prints

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®.



3. Automated web-to-print submission, and integration with EFI MIS systems

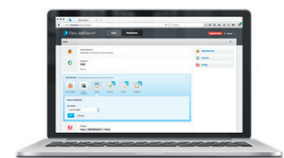
Fiery servers are certified by CIP4 job definition format (JDF) IDP-ICS. By adhering to this standard, Fiery servers integrate seamlessly with EFI MIS and web-to-print systems as well as with industry-leading third-party prepress workflow solutions such as Agfa Apogee, Heidelberg Prinect and Kodak Prinergy. This helps you more efficiently deliver job specifications, update job status in real time, track job costing data and validate equipment usage.



4. Accelerated production with prepress workflow automation

Enable the free Fiery JobFlow Base on an embedded Fiery server with a valid Fiery Productivity Package license and start building ready-to-use workflows.

Once Fiery JobFlow Base is enabled, upgrade to a paid license for the full version, Fiery JobFlow, for advanced prepress capabilities. You can easily configure automated job workflows including preflight, correction and editing of PDF files, plus approval, scripting and job ticketing.



Server comparison

FIERY SERVER	EXTERNAL - FIERY E-44B	EMBEDDED - FIERY E-24B
Fiery Software	Fiery FS200 Pro	Fiery FS200
Fiery Platform	PRO ⁸⁰	E ³⁰⁰
CPU	Intel® Core™ i5-4570S Processor 2.9 GHz up to 3.6 GHz, Quad Core	Intel® Celeron® Processor G1820, 2.7 GHz, Dual Core
Operating System	Microsoft Windows 8.1 Professional for Embedded Systems x64	Linux
RAM	4 GB	2 GB
Hard Disk Drive (HDD)	2 x 1 TB SATA	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, Fiery FreeForm™	Fiery FreeForm
Adobe® PDF Print Engine (APPE)	INCLUDED	Not Available
Sequential Print	INCLUDED	Not Available
Set Page Device	INCLUDED	Not Available
PDF/X Output Intent	INCLUDED	Not Available
Pad Printing	INCLUDED	Not Available
Insert tabs	INCLUDED	Not Available
Dynamic HD Text and Graphics	INCLUDED	Not Available
Fiery Hot Folders/Virtual Printers	INCLUDED	OPTIONAL (as stand-alone option and with Productivity Package)
Integration to EFI MIS and web-to-print systems	INCLUDED	OPTIONAL with Productivity Package
Fiery Image Enhance Visual Editor	INCLUDED	OPTIONAL with Productivity Package
Fiery JDF	INCLUDED	OPTIONAL with Productivity Package
ImageViewer, Configurable Auto Trapping, Control Bar, Graphic Arts Filters for Hot Folders Postflight Report, Paper Simulation (w/ white point editing)	OPTIONAL with Graphic Arts Package, Premium Edition*	OPTIONAL with Productivity Package
Fiery Preflight	OPTIONAL with Graphic Arts Package, Premium Edition*	Not Available
Fiery JobFlow Base	FREE	FREE (requires Productivity Package)
Fiery JobFlow*	OPTIONAL	OPTIONAL (requires Productivity Package)
Fiery Impose**	OPTIONAL	OPTIONAL
Fiery Compose	OPTIONAL	OPTIONAL
Fiery JobMaster*	OPTIONAL	Not Available
Fiery Navigator	FREE (first 3 Fiery servers)	FREE (first 3 Fiery servers)
Fiery Color Profiler Suite** w/ EFI ES-2000 spectrophotometer	OPTIONAL	OPTIONAL
Fiery Integrated Workstation (stand, LCD display, keyboard and mouse)	OPTIONAL	Not Available

* Free 30-day trial available

** Free trial in demo mode available

Visit the [Fiery Graphic Arts Package, Premium Edition](#) and [Fiery Productivity Package](#) web pages for more information on features included in each package.

EFI fuels success.

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, and personalized documents, with a wide range of printers, inks, digital front ends, and a comprehensive business and production workflow suite that transforms and streamlines the entire production process, increasing your competitiveness and boosting productivity. Visit www.efi.com or call 650-357-3500 for more information.



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