

# Fiery external print servers: Top reasons to buy Canon imagePRESS Server F200

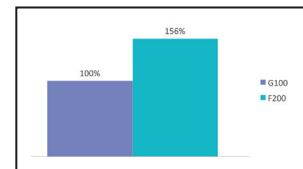
Because the investment horizon for a new digital printing system is from three to five years, it's always good to consider both current and future needs of your print environment when deciding on a new digital printing system. EFI™ offers two Fiery® server platforms for the Canon imagePRESS C850/C800/C750/C700/C65/C60 – the external imagePRESS Server F200 and embedded imagePRESS Server G100. 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.

## Canon imagePRESS Server F200 only: Standard features

The Canon imagePRESS Server F200 comes with standard features that add productivity, quality and new services to your production environment. These features are not available on the Canon imagePRESS Server G100.

### 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 Canon imagePRESS Server F200 an average of 56% faster than the Canon imagePRESS Server G100, 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, 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.





## Canon imagePRESS Server F200 only: Standard features (continued)

### 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.



### 4. Inline tab separations

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.



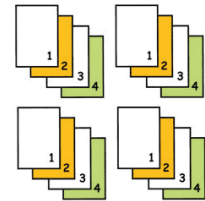
### 5. A way to offer pad printing

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® 7 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.



## Canon imagePRESS Server F200: Optional features

External Fiery servers offer 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 Canon imagePRESS G100.

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

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. The local 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.

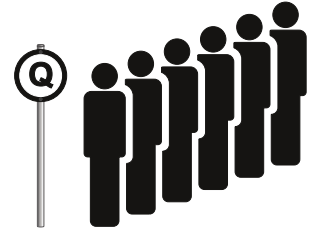


## Canon imagePRESS Server G100: Optional features

While these features are standard on external Fiery servers, you may add them as options to the G100 server by purchasing the **Fiery Productivity Package**. Be sure to compare the cost of the G100 server with the Fiery Productivity Package added for a more accurate comparison to the F200 server.

### 1. Full control of your print queue for changing job priorities

Print/Process Next, Rush Print and Schedule Printing offer a variety of advanced queue management features to control and adjust print priorities on the fly. These features are part of the Fiery Productivity Package option.



### 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®. This plug-in is part of the Fiery Productivity Package option.



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

Fiery servers are the only DFE 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.





## Comparison of Canon imagePRESS Servers F200 and G100

FIERY SERVER	imagePRESS SERVER F200 – EXTERNAL	imagePRESS SERVER G100 – EMBEDDED
Fiery System Software	Fiery FS150 Pro	Fiery FS150
Fiery Platform	PRO <sup>80</sup>	E <sup>200</sup>
CPU	Intel Core i5-2400 Processor (3.10 GHz)	Intel Pentium G850 Processor (2.90 GHz)
Operating System	Microsoft Windows 7 Professional FES x64	Linux
RAM / Hard Disk Drive (HDD)	4 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 3, PDF/VT-1, PDF/VT-2, VPS, Fiery FreeForm™	Fiery FreeForm
Adobe® PDF Print Engine (APPE)	INCLUDED	Not Available
Integration to EFI MIS and Web-to-Print systems	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 Tab	INCLUDED	Not Available
FEATURES AVAILABLE IN OPTIONAL FIERY PACKAGES		
Rush Print Schedule Printing Print and Process Next Image Enhance Visual Editor Fiery JDF	INCLUDED	OPTIONAL with Fiery Productivity Package
ImageViewer Configurable Auto Trapping Control Bar Graphic Arts Filters for Hot Folders Postflight Report Paper Simulation (w/ white point editing)	OPTIONAL with Fiery Graphic Arts Package, Premium Edition	OPTIONAL with Fiery Productivity Package
Automatic Preflight Halftone Simulation 2-Color Print Mapping Progressives	OPTIONAL with Fiery Graphic Arts Package, Premium Edition	Not Available
Fiery Integrated Workstation (LCD display, keyboard and mouse)	OPTIONAL	Not Available
For more information on all of the features, see the Canon imagePRESS <a href="#">F200</a> and <a href="#">G100</a> datasheet.		

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

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