



# Fiery® IC-321 vs. IC-421

Fiery FS700 Pro / FS700

## Top reasons to buy the Fiery IC-321

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.

Fiery® offers two server platforms for the Konica Minolta® AccurioPress C5080/C5070 — the Windows-based server Fiery IC-321 and the Linux-based server Fiery IC-421. These two server 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 Windows-based Fiery server, how it meets your current needs and how it offers built-in flexibility for future growth.

### Fiery IC-321 server only: Standard features

The Fiery IC-321 server comes with standard features that add productivity, quality, and new services to your production environment. These features are not available on the Fiery IC-421 server.

#### 1. FLEXIBLE VARIABLE DATA PRINTING SERVICES

The robust, open, flexible, and scalable variable data printing (VDP) solution supports all leading VDP formats including PDF-VT 1 and 2, 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.



#### 2. FIERY QUICKTOUCH SOFTWARE

The Fiery IC-321 features the 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.

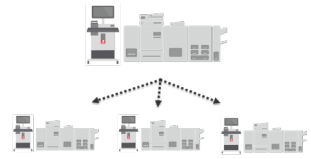




## Fiery IC-321 server only: Standard features (continued)

### 3. FIERY DEPLOYABLE IMAGE

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



---

### 4. MICROSOFT WINDOWS 10 IOT ENTERPRISE 2021 LTSC

Fiery FS700 Pro Windows-based servers use Microsoft Windows® 10 IoT Enterprise 2021 LTSC as their 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.



---

### 5. USB SECURITY

Maintain a secure print environment. Fiery Windows-based servers prevent connection of USB storage devices by disabling Fiery features that require USB mass storage functions, such as backup and restore.





## Fiery IC-321 server only: Optional features

The Fiery IC-321 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 IC-421 server.

### 1. SECURE STORAGE FOR PRINT FILES

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



### 2. A CENTRALISED PRODUCTION WORKSPACE FOR OPERATORS

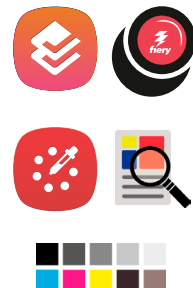
The Fiery NX Station is a compact, centralised workstation for Fiery Windows-based servers that adapts to different print production environments. It comes in two models: NX Station GL, which features a 22" display, or the NX Station LS, which features a 27" display, 6" adjustable-height workspace, proximity sensor, and cable routing.



### 3. OPERATORS NEED THE ABILITY TO MAKE LATE-STAGE EDITS AND CORRECTIONS TO FILES

In demanding print environments, operators need to be able to easily perform late-stage edits to adjust colours, impose documents into booklets, and preview full raster files. This ensures the highest quality when printing, for minimal waste and rework.

The Fiery Graphic Arts Pro Package, a powerful toolset, lets you identify and correct production problems before printing a single page. This eliminates wasted prints and keeps print engines producing profitably.





## Fiery IC-421 server: Optional features

While these features are standard on Fiery IC-321 server, you may add them as options to the Fiery IC-421 server by purchasing the Fiery ColorRight Package, Fiery Automation Package, or standalone software options. Be sure to compare the cost of the Fiery IC-421 server with the additional software added for a more accurate comparison to the Fiery IC-321 server.

### 1. 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.



### 2. SUPERIOR PHOTOGRAPHIC PRINTS

Fiery Image Enhance Visual Editor, a Fiery 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 JOB SUBMISSION THAT ELIMINATES TOUCH POINTS

Automate job-submission workflows with Fiery Hot Folders and Virtual Printers to reduce errors and save time. This also allows operators to give more attention to other jobs that require specific finishing and colour settings.



### 4. ACCELERATED PRODUCTION WITH PREPRESS WORKFLOW AUTOMATION

Add the free Fiery JobFlow™ Base on an Linux-based Fiery server with Fiery Automation Package 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 correction and editing of PDF files, plus approval, scripting, and job ticketing.



### 5. 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 colours, 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.





## Key comparative features

Fiery Server	Windows-based - Fiery IC-321	Linux-based - Fiery IC-421
Fiery software	Fiery FS700 Pro	Fiery FS700
Fiery platform	NX Pro Gen IV	E600
CPU	Intel® Core™ i3-12100 Processor	Intel® Pentium® G7400E Processor
Operating system	Microsoft Windows 10 IoT Enterprise 2021 LTSC	Linux
RAM	8 GB	8 GB
Disk drive(s)	NVMe SSD boot drive for OS and Fiery software + 1 TB HD	500 GB NVMe SSD
Fiery disk drive security kit	OPTIONAL	NOT AVAILABLE
VDP formats	PPML 2.0/2.2/3.0, PDF/VT-1, PDF/VT-2, VPS, Fiery FreeForm™ Plus	PDF/VT-1, Fiery FreeForm Plus
FreeForm Create	INCLUDED	INCLUDED
Fiery JobExpert™	INCLUDED	INCLUDED
Fiery Spot-On™	INCLUDED	INCLUDED
Adobe® PDF Print Engine***	INCLUDED	INCLUDED
PDF/X Output Intent	INCLUDED	INCLUDED
Pad printing	INCLUDED	INCLUDED
Fiery Hot Folders/Virtual Printers	INCLUDED	OPTIONAL
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 JDF	INCLUDED	OPTIONAL with Fiery Automation 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 JobFlow Base	INCLUDED	OPTIONAL with Fiery Automation Package*
Fiery JobFlow*	OPTIONAL	OPTIONAL (requires Fiery Automation Package*)
Fiery Impose **	OPTIONAL	OPTIONAL
Fiery Compose*	OPTIONAL	OPTIONAL
Fiery JobMaster*	OPTIONAL	OPTIONAL
Fiery ColorGuard	INCLUDED (3-year subscription)	INCLUDED (1-year subscription)
Fiery Manage	OPTIONAL	OPTIONAL
Fiery Color Profiler Suite**	OPTIONAL	OPTIONAL
Fiery High Security Kit V1.0	OPTIONAL	NOT AVAILABLE
Fiery NX Station (GL and LS)	OPTIONAL	Not Available

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

\* Free 30-day trial available at [fiery.com](#)

\*\* Free trial in demo mode available

\*\*\* Updated on an ongoing basis



For more information, please visit [www.fiery.com](http://www.fiery.com)

Nothing herein should be construed as a warranty in addition to the express warranty statement provided with Fiery, LLC products and services.

ColorGuard, ColorRight, Command WorkStation, ColorWise, Fiery, the Fiery logo, Fiery Compose, Fiery Driven, the Fiery Driven logo, Fiery Edge, Fiery Essential, Fiery HyperRIP, Fiery Impose, Fiery Impress, Fiery ImageViewer, Fiery Intensify, Fiery JobExpert, Fiery JobFlow, Fiery JobMaster, Fiery Prep-it, Fiery Prints, the Fiery Prints logo, Fiery TrueBrand, FreeForm, MicroPress, IQ, PrintMe, RIPChips, RIP-While-Print, Spot-On, Spot Pro, and WebTools are trademarks or registered trademarks of Fiery, LLC and/or its wholly owned subsidiaries in the U.S. and/or certain other countries. All other terms and product names may be trademarks or registered trademarks of their respective owners and are hereby acknowledged.

© 2026 FIERY, LLC. ALL RIGHTS RESERVED.

FTL\_Km\_051.04.26