Fiery EC21 vs EC22

Fiery FS600 Pro
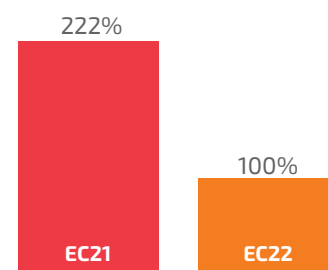
Choosing the best fit

FUJIFILM offers two Fiery servers designed for the Revoria Press EC2100S / EC2100: Fiery EC21 and Fiery EC22. This document provides guidance in selecting the correct solution for your production environment.

Why to choose Fiery EC21 over Fiery EC22

FASTER PROCESSING SPEED

The Fiery EC21 servers are equipped with Fiery **Intelligent HyperRIP**, a proprietary technology designed to ensure seamless production and enhance performance through parallel processing power.

The Fiery EC21 server is more than twice as fast as the Fiery EC22 server, making it the best choice for demanding production environments. The Fiery EC21 provides more power to cost-effectively handle the additional processing required to manage complex files with multiple layers, transparencies, and overprints.

222%

100%

EC21   EC22

Fiery EC21 Vs Fiery EC22

PERFORM LATE-STAGE EDITS AND CORRECTIONS TO FILES

In high-pressure print environments, operators must easily execute last-minute edits to adjust colors, impose documents into booklets or gang-ups, and preview raster files. This approach guarantees top-quality results prior to printing, while minimizing waste and the need for rework.

To achieve maximum productivity, all these tasks should be handled by the most advanced digital front end, the Fiery EC21. It includes the **Fiery Graphic Arts Pro Package**, providing a set of tools to identify and resolve issues before printing a single page.

Fiery Preflight Pro   Fiery Spot Pro   Postflight   Fiery ImageViewer   Control Bar

FULFILL THE RISING DEMAND FOR VARIABLE DATA PRINTING

Ensure that you are prepared to meet the increasing demand for variable data printing (VDP). Fiery EC21 and Fiery EC22 support all leading VDP formats and work with all leading variable data composition software. However, the enhanced speed of the Fiery EC21 ensures maximum productivity, even for the most complex VDP jobs.

What both Fiery servers offer

MAXIMIZE IMPACT WITH PINK GAMUT EXTENSION FOR DISTINCTIVE PRINTS

With gamut extension capabilities in both the Fiery EC21 and EC22, impactful prints can be achieved that differentiate and access colors beyond the reach of traditional CMYK printers.

These advanced digital front ends utilize pink toner and other color enhancements to explore new color territories, ensuring prints are visually stunning.

ACHIEVE AND MAINTAIN PRINT QUALITY

Both EC21 and EC22 include color automation features that helps effortlessly achieve great color for users of all experience levels. **1-step color management** combines calibration and media-profile creation into a single action, while **zero-touch recalibration** provides scheduled, fully automated, unattended recalibration.

These two features work in conjunction to ensure a fully "hands-off" color-management solution that guarantees precise and consistent color reproduction.

READY-TO-USE COLOR ENHANCEMENTS WITH FIERY EDGE DEFAULT PROFILES.

Both Fiery servers include **Fiery Edge**™ color profiles — the next-generation Fiery color profiling technology — to deliver improvements in many key color-quality areas for digital print producers.

Fiery Edge enables the smoothest color transitions and blends, ensuring maximum shadow detail in both neutral and chromatic areas. Additionally, it offers users the ability to achieve more saturated, vibrant, and visually striking print results.

PREPRESS AUTOMATION WITH EASY-TO-USE WORKFLOWS

Both Fiery servers are equipped with **Fiery JobFlow Base**, a powerful workflow automation tool designed to streamline job management.

JobFlow Base allows users to create and manage automated workflows with features such as image enhancement, imposition and preflighting, it minimizes errors, and allows print service providers to focus on delivering high-quality results while optimizing their overall operational efficiency.

POWERFUL MAKEREADY SOLUTIONS

Both servers include **Fiery JobMaster-Impose**, offering advanced makeready tools to automate job preparation and assembly with instant visual previews.

IMPROVE YOUR PROCESSES WITH PRODUCTION-LEVEL TOOLS

Both Fiery servers feature advanced job management tools designed to optimize printer throughput.

Fiery JobExpert™ can significantly reduce setup time by dynamically analyzing incoming production files. It quickly identifies issues—some of which may go unnoticed by operators—and automatically configures the optimal Fiery color settings, to ensure the highest print quality possible.

INTEGRATION WITH JDF AND WORKFLOW SOLUTIONS

Both Fiery servers offer connectivity with top web-to-print and MIS solutions, along with well-known industry workflow systems such as XMF PressReady, Agfa® APOGEE™, Kodak® Prinergy®, Heidelberg® Prinect®, and SCREEN Equios. This integration facilitates the seamless flow of job information throughout the system, enhancing efficiency, reducing human error, and saving time.

A PURE PDF WORKFLOW

Both Fiery servers incorporate Adobe® PDF Print Engine technology, enabling users to choose between end-to-end native PDF workflows or legacy workflows. This integration ensures consistency and flexibility throughout the entire process, from design to output, in both digital and offset print environments.

COMPATIBILITY WITH INDUSTRY STANDARDS

Fiery servers support most industry VDP formats, including:

- Fiery FreeForm™ Plus (output from **Fiery FreeForm Create**, an included, standalone VDP application)
- PPML 2.0/2.2/3.0
- PDF/VT 1 and 2
- Creo VP

Key comparative features

Feature	Fiery EC21	Fiery EC22
Fiery platform	NX Premium Gen V	NX Pro Gen IV
Fiery software	Fiery FS600 Pro	Fiery FS600 Pro
Processor	Intel® Xeon® dual 12 core processor	Intel i3-12100
Operating system	Windows 10 IoT Enterprise 2021 LTSC	Windows 10 IoT Enterprise 2021 LTSC
Memory	32GB (8 x 4GB)	8GB (1 x 8GB)
Disk drive(s)	SSD boot drive for OS and Fiery software + 2 x 2TB HD SATA	SSD boot drive for OS and Fiery software + 1 TB HDD
Intelligent HyperRIP	8 RIPs	NOT AVAILABLE
Fiery Preflight	INCLUDED	INCLUDED
Fiery JobExpert™	INCLUDED	INCLUDED
Fiery JobFlow™ Base	INCLUDED	INCLUDED
Fiery JobFlow*	OPTIONAL	OPTIONAL
Fiery Impose*	INCLUDED	INCLUDED
Fiery Compose*	INCLUDED (with JobMaster)	INCLUDED (with JobMaster)
Fiery JobMaster™ *	INCLUDED	INCLUDED
Fiery Graphic Arts Pro Package*	INCLUDED	OPTIONAL
Fiery Color Profiler Suite**	OPTIONAL	OPTIONAL
Fiery ColorGuard	OPTIONAL	OPTIONAL
Fiery Disk Drive Security Kit	OPTIONAL	OPTIONAL
Fiery High Security Kit V1.0	OPTIONAL	OPTIONAL
Fiery NX Station GL: Fiery work stand, Fiery Ticker, 22" monitor, wireless keyboard and mouse	OPTIONAL	OPTIONAL
Fiery NX Station LS: adjustable Fiery work stand, proximity sensor, Fiery Ticker, 27" monitor, wireless keyboard and mouse	OPTIONAL	OPTIONAL

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

For more information, please visit www.fiery.com