

Fiery IC-319 vs. Fiery IC-318

THE RIGHT CHOICE

Konica Minolta® offers two Fiery® servers designed for the Konica Minolta AccurioPress C14000/C12000: Fiery IC-319 and Fiery IC-318. This document will help you identify the correct solution for your production environment.

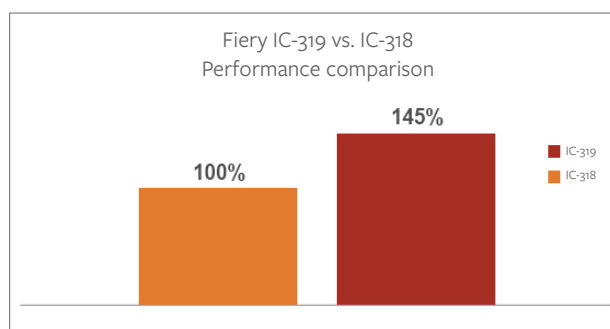
When to choose the Fiery IC-319 over Fiery IC-318

Faster processing speed

The Fiery IC-319 and IC-318 server features Fiery HyperRIP, an exclusive EFI technology that helps achieve uninterrupted production and expands performance with parallel job processing power. The Fiery IC-319 server uses 8 RIPs while Fiery IC-318 uses 2 RIPs to process single or multiple jobs.



The Fiery IC-319 server is 45% faster compared to the Fiery IC-318 server, making it the best choice for demanding production environments and future-proofing your investment.



Ability to efficiently handle complex and graphics-intensive files today and in the future

The Fiery IC-319 provides more power to cost-effectively handle the additional processing required to manage complex files with multiple layers, transparencies, and overprints.

Powerful makeready solutions

Fiery IC-319 includes Fiery JobMaster™-Impose with advanced makeready capabilities to automate prepress workflows and streamline job preparation and assembly with instant visual previews.

Achieve and maintain offset-level quality

Fiery IC-319 comes with Fiery Color Profiler Suite that allows you to make, edit, and inspect profiles; verify color accuracy; achieve and maintain industry standards; plus control color process over time so you can confidently produce accurate, consistent color.

When to choose the Fiery IC-319 over Fiery IC-318 (continued)

Meet increasing demand for variable data printing

Ensure that you are prepared to meet the increasing demand for variable data printing (VDP) over the life of the lease. Both Fiery IC-319 and Fiery IC-318 support all leading VDP formats and work with all leading variable data composition software.

However, the additional speed of the Fiery IC-319 server enables printing at maximum productivity for even the most complex VDP jobs.



Operators need 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 colors, impose documents into booklets, and preview full raster files. This ensures the highest quality before printing and minimal waste and rework.

For maximum productivity, all these operations should be performed through the most powerful available digital front end, the Fiery IC-319 server. It comes standard with Fiery Graphic Arts Pro Package, a comprehensive toolset to identify and correct production problems before printing a single page. This eliminates wasted prints and keeps print engines producing profitably.





What both Fiery servers offer

Out-of-the-box color enhancements with Fiery Edge default profiles

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

Fiery Edge, helps produce the smoothest color transitions and blends. It provides maximum shadow details in neutral and chromatic areas. Plus, it gives users controls to produce more saturated, vivid, and stunning print results. Use Fiery Intensify™, a new rendering intent innovation that is part of Fiery Edge, to boost color and saturation, while maintaining neutral grays and perfect skin tones.

Guard your color quality

Produce consistent, accurate color all day, every day with [EFI ColorGuard](#) — a cloud-based color verification solution to track color quality; and integrates with the IQ-501 for a hands-free color quality control. Both Fiery servers include a 3-year license.

ColorGuard simplifies the color verification process by automating printer recalibration and color verification schedules. Your press operator receives alerts to perform recalibration and verification tasks and your print production manager gets notifications about the verification status. Win color-critical customers by using your previous best color verification measurement as a color reference to compare color quality performance.

Gain insights into your color quality across Fiery Driven™ print systems anytime, anywhere with EFI ColorGuard.

Production-level tools

Both Fiery servers include advanced job management tools to maximize the printer throughput. Use Fiery JobExpert™ to reduce setup time.

Fiery JobExpert dynamically analyzes the incoming production file, finds issues quickly — including those that cannot be detected by an operator — automatically sets the optimal Fiery job settings, and processes jobs to achieve the best possible print quality.

Integration with JDF and workflow solutions

Both Fiery servers allow connectivity with leading web-to-print and MIS solutions, as well as with popular industry workflow solutions such as Agfa® APOGEE™, Kodak® Prinergy®, Heidelberg® Prinect®, and SCREEN Equios. This integration enables job information to flow through the system faster and more efficiently to reduce human error and save time.



What both Fiery servers offer (continued)

A pure PDF workflow

Both Fiery servers integrate Adobe® PDF Print Engine technology to offer a choice of end-to-end native PDF or legacy workflows. This provides consistency and flexibility from design to output in digital and offset print environments.

Accurate, consistent color

Both servers render all combinations of color spaces and transparency blends correctly using industry-standard tests such as Altona Test Suite 2 and Ghent PDF Output Suite version 5.0. They offer default settings that maximize performance with the best color quality right out of the box. They can also sharpen images, smooth flesh tones, and enhance the natural color of any photo in a document with the latest version of the fully integrated Fiery Image Enhance Visual Editor.

Compatible 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 VPS™



Key comparative features

Feature	Fiery IC-319 v2	Fiery IC-318 v2
Fiery platform	NX Premium Gen IV	NX Pro Gen III
Fiery software	Fiery FS500 Pro	Fiery FS500 Pro
Processor	Intel® Xeon® dual 12 core processor	Intel® Core™ i7-8700 processor
Operating system	Windows 10 IoT Enterprise 2019 LTSC	Windows 10 IoT Enterprise 2019 LTSC
Memory	32GB (8 x 4GB)	16GB (2 x 8GB)
Disk drive(s)	SSD boot drive for OS and Fiery software + 2 x 2 TB HDD	SSD boot drive for OS and Fiery software + 1 TB HDD
HyperRIP	8 RIPs	2 RIPs
Fiery JobExpert	INCLUDED	INCLUDED
Fiery JobFlow™ Base	INCLUDED	INCLUDED
Fiery JobFlow*	OPTIONAL	OPTIONAL
Fiery Impose*	INCLUDED	OPTIONAL
Fiery Compose*	INCLUDED (with JobMaster)	OPTIONAL
Fiery JobMaster™ *	INCLUDED	OPTIONAL
Fiery Graphic Arts Pro Package*	INCLUDED (5-year license)	OPTIONAL (1, 2, 3, 4 or 5 year license)
Fiery Color Profiler Suite**	INCLUDED	OPTIONAL
Fiery Color Profiler Suite** w/ ES-3000 spectrophotometer	OPTIONAL	OPTIONAL
EFI ColorGuard	INCLUDED (3-year license)	INCLUDED (3-year license)
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](#) web page for more information on features Included in each package.

* 30-day free trial available at efi.com

** Free software trial in demo mode

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, building materials 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.



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

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