

Fiery IC-319 vs. Fiery IC-318L

The right choice

Konica Minolta® offers two Fiery® servers designed for the Konica Minolta AccurioPress C7100/C7090: Fiery IC-319 and Fiery IC-318L. This document will help you identify the correct solution for your production environment.

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

Faster processing speed

The Fiery IC-319 and IC-318L 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-318L uses 2 RIPs to process single or multiple jobs.

HyperRIP with 8 RIPs can process jobs up to 55% faster compared to a Fiery server without HyperRIP. With HyperRIP, an operator can split a single job into logical parts for parallel processing of pages in the job, or RIP multiple jobs at the same time for faster throughput.



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 colour accuracy; achieve and maintain industry standards; plus control colour process over time so you can confidently produce accurate, consistent colour.

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-318L 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.



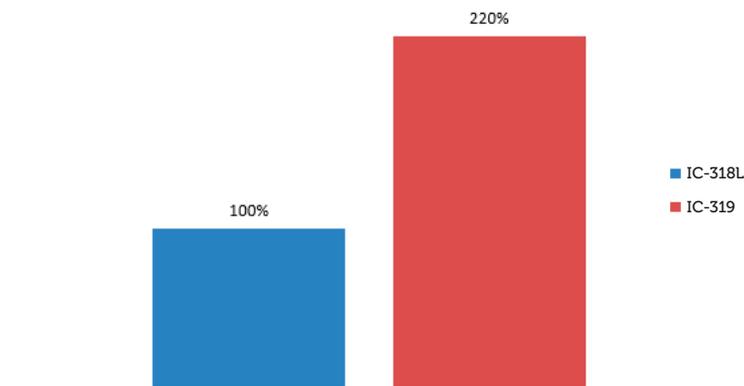
When to choose the Fiery IC-319 over Fiery IC-318L (continued)

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.

The Fiery IC-319 server is over twice as fast compared to the Fiery IC-318L server, making it the best choice for demanding production environments and future-proofing your investment.

Fiery IC-319 vs. IC-318L Performance comparison



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 colours, 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.



Fiery Preflight



Postflight



Fiery ImageViewer



Control Bar

What both Fiery servers offer

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

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

Fiery Edge, helps produce the smoothest colour 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 colour and saturation, while maintaining neutral grays and perfect skin tones.

Guard your colour quality

Produce consistent, accurate colour all day, every day with [EFI ColorGuard](#) – a cloud-based colour verification solution. Both Fiery servers include a 3 year license.

ColorGuard simplifies the colour verification process by automating printer recalibration and colour 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 colour-critical customers by using your previous best colour verification measurement as a colour reference to compare colour quality performance.

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

Production-level tools

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

Fiery JobExpert dynamically analyses 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 EFI web-to-print and MIS solutions, as well as with popular industry workflow solutions such as Kodak® Prinergy®, Agfa® APOGEE™, and Heidelberg® Prinect®. 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 (APPE) 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 colour

Both servers render all combinations of colour 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 maximise performance with the best colour quality right out of the box. They can also sharpen images, smooth flesh tones, and enhance the natural colour 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 the most industry VDP formats, including:

- Fiery FreeForm™
- Fiery FreeForm Plus
- PPML 2.0/2.2/3.0
- PDF/VT 1 and 2
- Creo VPST™



Key comparative features

FEATURE	FIERY IC-319	FIERY IC-318L
Fiery Platform	NX Premium	NX PRO
Fiery Software	Fiery FS400 Pro	Fiery FS400 Pro
Processor	Dual Intel® Xeon® Gold 5118 processor, 2.3 GHz with 3.2 GHz Turbo	Intel® Core™ i7-6700 processor, 3.4 GHz up to 4.0 GHz
Operating System	Microsoft® Windows® 10 IoT Enterprise 2019 LTSC	Microsoft® Windows® 10 IoT Enterprise 2019 LTSC
Memory	32 GB	16 GB
HyperRIP	8 RIPs	2 RIPs
Hard Disk Drive	2 x 2TB SATA + 500 GB SATA	1 TB
Fiery JobFlow Base	Free	Free
Fiery JobFlow™	OPTIONAL	OPTIONAL
Fiery Impose*	INCLUDED	OPTIONAL
Fiery Compose	OPTIONAL	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
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

EFI fuels success.

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, and personalised 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 0808 101 3484 (UK only) or +44 (0)1246 298000 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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