

# Colour Controller E-86A vs E-46A

## The right choice

Ricoh® offers two Fiery® servers designed for the Ricoh Pro C7200 Series: Colour Controllers E-86A and E-46A. This document will help you identify the correct solution for your production environment.

## When to choose the E-86A over the E-46A

### Your customers demand shorter run lengths and faster turnarounds

The E-86A features Fiery HyperRIP, an exclusive EFI technology that helps achieve uninterrupted production and expands performance with parallel job processing power. HyperRIP can process jobs up to 55% faster compared to a Fiery server without HyperRIP. With HyperRIP, an operator can split a single job into four logical parts for parallel processing of pages in the job, or RIP up to five jobs at the same time for faster throughput.



### 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 the E-86A and E-46A support all leading VDP formats and work with all leading variable data composition software and data formats.

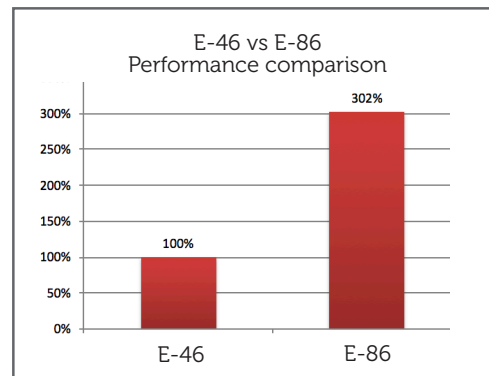
However, the additional speed of the E-86A enables printing at maximum productivity for even the most complex VDP jobs.



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

The E-86A provides more power to cost-effectively handle the additional processing required to manage complex files with multiple layers, transparencies, and overprints.

The E-86A is 3 times faster compared to the E-46A, making it the best choice for demanding production environments and future-proofing your investment.



### Add value with powerful makeready tools

The Fiery E-86A includes Fiery Impose-Compose. Fiery Impose extends the driver-based imposition capabilities offered by Booklet Maker to include visual custom imposition, late-stage editing and the option to add or delete pages—without modifying native files. Fiery Compose provides an advanced preview and editing environment to simplify media assignments, tab printing, chapterization and document finishing.

## When to choose the E-86A over the E-46A (continued)

### 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 E-86A. It comes standard with Fiery Graphic Arts Package, Premium Edition, a powerful toolset to identify and correct production problems before printing a single page. This eliminates wasted prints and keeps print engines producing profitably. In addition, the E-86A includes Fiery Spot Pro for advanced spot colour management, ensuring brand colour consistency from design to print.



## What both Fiery servers offer

### Production-level tools

Both Fiery servers include advanced job management tools to maximise the engine's throughput.

### 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.

### 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. 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™ Create  
*Free, stand-alone VDP application*
- PPML 2.0/2.2/3.0
- PDF/VT 1 and 2
- Creo VPS™



## Key comparative features

FEATURE	E-86A	E-46A
Fiery platform	NX Premium	NX Pro
Fiery software	Fiery FS350 Pro	Fiery FS350 Pro
Processor	Intel® Xeon® Gold 5118 processor, 2.3 GHz up to 3.2 GHz with Turbo	Intel® Core™ i5-6500 Processor 3.2 up to 3.6 GHz with Turbo, Quad Core
Operating system	Windows 10 IoT Enterprise 2016 LTSB	Windows 10 IoT Enterprise 2016 LTSB
Hard disk drive	2 x 2TB SATA + 500 GB SATA	1 TB SATA
Memory	32 GB	8 GB
HyperRIP	INCLUDED	Not available
Fiery Impose	INCLUDED	OPTIONAL*
Fiery Compose	INCLUDED	OPTIONAL
Fiery Graphic Arts Package, Premium Edition	INCLUDED	OPTIONAL*
Fiery Color Profiler Suite w/ES-2000 Spectrophotometer	OPTIONAL**	OPTIONAL**
Fiery JobMaster	OPTIONAL*	OPTIONAL*
Fiery JobFlow Base	FREE	FREE
Fiery JobFlow	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, 27" monitor, wireless keyboard and mouse, optimized cable management	OPTIONAL	OPTIONAL
Fiery Workflow Bundle - Basic (Fiery Impose, EFI ES-2000 spectrophotometer)	NOT AVAILABLE Fiery Impose is already included with the E-86A.	OPTIONAL
Fiery Workflow Bundle - Advanced (Fiery Impose, Fiery Compose, Fiery Color Profiler Suite, EFI ES-2000 spectrophotometer, Fiery Graphic Arts Package, Premium Edition)	NOT AVAILABLE Fiery Impose, Fiery Compose, and Fiery Graphic Arts Package, Premium Edition are already included with the E-86A.	OPTIONAL

\*30-day free trial available at [fiery.efi.com/freetrials](http://fiery.efi.com/freetrials)

\*\*Free trial in demo mode



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