



Fiery Color Controller E-48B vs E-28B

Fiery FS600 Pro / FS600

Why investing in Fiery E-48B is a smart choice

Fiery® powers up the Ricoh Pro C5400S/C5400SL/C5410S with two server choices: the external Fiery Color Controller E-48B and the embedded Fiery Color Controller E-28B, each bringing different strengths in automation, productivity, workflow integration, and scalability.

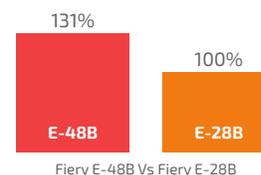
This document dives into the advantages of an external Fiery server, showing how it not only meets today's challenges but also paves the way for future growth.

Fiery Color Controller E-48B: Standard features

The Color Controller E-48B is your key to greater productivity, sharper quality, and expanded possibilities in print production

1. FASTER TURNAROUND TIMES

Maximizing printer capacity requires a high-performance digital front end (DFE) that swiftly processes and transmits data, minimizing downtime. With superior hardware, the Color Controller E-48B is more than 30% faster than the Color Controller E-28B, making it the perfect fit for demanding production settings.



2. AUTOMATE REPETITIVE MANUAL JOB SETUP

The Color Controller E-48B comes equipped with Fiery JobFlow Base, a browser-based automation tool that simplifies job setup, reduces errors, and accelerates production—helping you handle more jobs with greater efficiency and confidence.



3 EFFORTLESS VDP INTEGRATION WITH EXCEPTIONAL SPEED

Variable data production gets easier and faster with the Color Controller E-48B. It supports key formats like PDF-VT 2, VPS and PPML out of the box, and works smoothly with top VDP software. The faster processing means less waiting — and more earning



4. BUILT-IN PREFLIGHT TOOLS

Fiery Preflight provides detailed information about key job elements, like checking for missing resources or identifying potential errors such as overprints. It can be integrated with Fiery Hot Folders and Fiery JobFlow for a fully automated job inspection workflow.



5. FIERY QUICKTOUCH INTERFACE

Equipped with Fiery NX Pro hardware, the Color Controller E-48B includes a touchscreen display with Fiery QuickTouch™ software, providing fast job status updates and easy server





Fiery Color Controller E-48B: Standard features (continued)

6. MICROSOFT WINDOWS 10 IOT ENTERPRISE 2021 LTSC

The Color Controller E-48B uses Microsoft Windows® 10 IoT Enterprise 2021 LTSC as the 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.



Fiery Color Controller E-48B: Optional features

Designed for high-production print environments, the Color Controller E-48B server offers optional software and hardware solutions for advanced prepress, makeready, automation, and workflow integration—features not included in the Color Controller E-28B.

1. ONE WORKSPACE, TOTAL PRODUCTION CONTROL

The Fiery NX Station provides a compact and adaptable workstation for Fiery external servers, ensuring seamless integration into any print production environment.

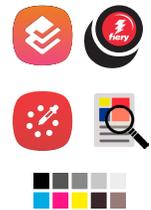
Available in two models, the NX Station GL features a 22" display, while the NX Station LS adds a 27" display, an adjustable-height workspace, a proximity sensor, and built-in cable management.



2. EFFORTLESS LATE-STAGE EDITS AND FIXES

In demanding print environments, last-minute edits are crucial for maintaining quality and reducing waste. Operators need easy access to tools for color correction, booklet imposition, and full raster previews.

Fiery Graphic Arts Pro Package empowers them to identify and fix production issues before a single page is printed, minimizing costly errors and keeping print engines running profitably.



3. ROBUST SECURITY AND ADHERENCE TO INDUSTRY STANDARDS

For organizations requiring top-tier security, the Fiery High Security Kit v1.0 offers enhanced protection against unauthorized access and tampering. Fully compliant with industry standards such as FIPS 140-2 and Common Criteria, it includes a trusted platform module (TPM) and boot drive encryption for added security.



4. SECURE STORAGE FOR PRINT FILES

With the optional Fiery disk drive security kits, you can securely lock the server drive during use and remove it for safekeeping once the server is powered down.





Fiery Color Controller E-28B: Optional features

While these features are standard on the Color Controller E-48B, you may add them as options to the Color Controller E-28B by purchasing the Fiery ColorRight Package, Fiery Automation Package, or standalone software options. Be sure to compare the cost of the E-28B with the additional software added for a more accurate comparison.

1. CRISP, VIVID, AND PROFESSIONAL PRINTS

Fiery Image Enhance Visual Editor, integrated into Fiery Command WorkStation®, lets operators make real-time image adjustments without the need for Adobe® Photoshop® or other design software



2. PREPRESS AUTOMATION: THE FAST TRACK TO PRODUCTION EFFICIENCY

Install Fiery JobFlow™ Base on an embedded Fiery server with the Fiery Automation Package to start building automated workflows. Upgrade to the full Fiery JobFlow version for enhanced prepress functionality.

Simplify job management with automated workflows that handle PDF correction, editing, approvals, scripting, and job ticketing with ease.



3. AVOID COSTLY MISTAKES BY DETECTING ERRORS BEFORE PRINTING

Think of Fiery Preflight as your quality checkpoint—it flags potential issues like low-res images, overprints, and missing spot colors before they disrupt production. Automate it with Fiery Hot Folders or Fiery JobFlow for a worry-free workflow.





Key comparative features

Fiery Server	External - Color Controller E-48B	Embedded - Color Controller E-28B
Fiery software	Fiery FS600 Pro	Fiery FS600
Fiery platform	NX Pro Gen IV	E600
CPU	Intel® Core™ i3-12100 processor	Intel® G7400E processor
Operating system	Microsoft Windows 10 IoT Enterprise 2021 LTSC	(Debian 11) Linux
RAM	8 GB	8 GB
Disk drive(s)	NVMe SSD boot drive for OS and Fiery software + 1 TB HD SATA	500 GB NVMe SSD
Fiery FreeForm Create	INCLUDED	INCLUDED
Fiery JobExpert™	INCLUDED	OPTIONAL with Fiery JobExpert and PDF Processing Kit
VDP formats	INCLUDED: PPML 2.0/2.2/3.0, PDF/VT-1, PDF/VT-2, VPS, Fiery FreeForm™ Plus	INCLUDED: Fiery FreeForm Plus OPTIONAL: PDF/VT-1 with Fiery JobExpert and PDF Processing Kit
Fiery Spot-On™	INCLUDED	INCLUDED
Adobe® PDF Print Engine	INCLUDED	OPTIONAL with Fiery JobExpert and PDF Processing Kit
PDF/X Output Intent	INCLUDED	OPTIONAL with Fiery JobExpert and PDF Processing Kit
Pad printing	INCLUDED	OPTIONAL
Fiery Hot Folders/Virtual Printers	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 with Fiery Automation Package*
Fiery Impose	OPTIONAL	OPTIONAL
Fiery Compose	OPTIONAL	OPTIONAL
Fiery JobMaster	OPTIONAL	OPTIONAL
Fiery ColorGuard	OPTIONAL	OPTIONAL
Fiery Manage	OPTIONAL	OPTIONAL
Fiery Color Profiler Suite**	OPTIONAL	OPTIONAL
Fiery Disk Drive Security Kit	OPTIONAL	NOT AVAILABLE
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



For more information, please visit www.fiery.com

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