

imagePRESS Server N500

imagePRESS Server P400



Fiery FS600 Pro

Top reasons to buy the Canon imagePRESS Server N500

Because the investment horizon for a new digital printing system is from three to five years, it's always good to consider both current and future needs of your print environment when deciding on a new digital printing system. Fiery® offers two server platforms for the Canon imagePRESS V900 series of printers — the external imagePRESS Server N500 and embedded imagePRESS Server P400. These two server platforms vary by the level of PDF processing controls, automation, productivity, workflow integration and expandability they offer.

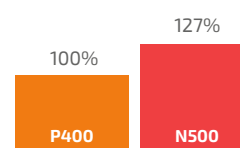
This document helps you understand the benefits of an external Fiery server, how it meets your current needs and how it offers built-in flexibility for future growth only meets today's challenges but also paves the way for future growth.

Standard features

The imagePRESS Server N500 comes with standard features that add productivity, quality and new services to your production environment. The majority of these features are optional on P400.

1. FASTER TURNAROUND TIMES

To maximise your engine capacity, you need a high-powered digital front end to process and drive data fast enough to minimise engine idle time. More robust and powerful hardware specifications make the imagePRESS Server N500 more than 27% faster than the imagePRESS Server P400, making it the best choice for demanding production environments.



2. FIERY JOBEXPERT

Reduce setup time and cut waste with Fiery JobExpert™ — a built-in feature in Fiery Command WorkStation® — that automatically analyzes each PDF print job in detail and sets the best Fiery job settings for colour management, image quality, VDP settings, and engine specific properties.



3. FIERY QUICKTOUCH™ SOFTWARE

The imagePRESS Server N500 features the Fiery NX Pro hardware. The NX Pro includes Fiery QuickTouch software on the touchscreen display, which gives easy access to intuitive system installation, backup and restore, plus system diagnostics.



4. ON-THE-FLY IMAGE ENHANCEMENT

Fiery Image Enhance Visual Editor enables quick, automatic adjustment of image colors in a job (including red-eye correction) without the need to open the file in the originating application.





Standard features (continued)

5. PERFECT PDF PRINTING IN A PURE PDF WORKFLOW

The imagePRESS Server N500 includes the latest Adobe® PDF Print Engine interpreter for end-to-end native PDF workflows. This allows consistency and flexibility from design to output in hybrid digital and offset print environments, and also ensures correct representation of colour spaces and transparencies.



POWERED BY
Adobe PDF Print Engine

6. SUPPORTS ALL INDUSTRY STANDARD VDP FORMATS

The robust, open, flexible, and scalable Fiery solution supports all leading VDP formats including PDF/VT, Creo® VPS® and PPML. And works with all leading VDP composition software and formats for seamless workflows. The faster processing speed also makes offering VDP services more profitable.



7. AUTOMATE REPETITIVE MANUAL JOB SETUP

The imagePRESS Server N500 includes Fiery JobFlow Base, a browser-based solution that automates common job types to produce ready-to-print files, significantly reducing human errors in job setup to save time, increase production capacity, and meet tight deadlines.



8. INTEGRATED PREFLIGHT CAPABILITIES

Fiery Preflight is the only preflight tool that connects to the Fiery DFE to provide the most detailed information about key job resources, like checking for missing elements or identifying potential errors. It can be integrated with Fiery Hot Folders and Fiery JobFlow for a fully automated job inspection workflow.



9. MICROSOFT WINDOWS 10 IOT ENTERPRISE 2021 LTSC

The ImagePRESS Server N500 uses Microsoft Windows® 10 IoT Enterprise 2021 LTSC as the operating system. It includes the cumulative enhancements provided in all previous Windows 10 versions, up to 21H2.



10. SINGLE SIGN-ON

The ImagePRESS Server N500 can be configured so that users can log in using existing AAD (Azure Active Directory/Microsoft Entra ID) credentials. Multi-factor and two-factor authentication (MFA/2FA) workflows are also supported.



11. COMPLIANCE WITH KEY SECURITY REGULATIONS AND FRAMEWORKS

The ImagePRESS Server N500 conforms with key security regulations and frameworks, such as NIST 800-88 data sanitisation. With the optional Fiery High Security Kit 1.0, the ImagePRESS Server N500 is in full compliance with the TPM 2.0 specification, FIPS 140-2, and Common Criteria.



12. SECURE STORAGE FOR PRINT FILES

The optional Fiery disk drive security kits allow operators to lock the server drive into the system for normal operation and remove it to a secure location after powering down the server.





Optional features

The Canon imagePRESS Server N500 offers optional software and hardware solutions that add advanced prepress, makeready, automation and colour correction for high-production print facilities.

1. FIERY GRAPHIC ARTS PRO PACKAGE

The Canon imagePRESS Server N500 offers the option to add Fiery Graphic Arts Pro Package, a redesigned set of features to identify and correct print problems before they result in rejected jobs waste. With Fiery Graphic Arts Pro Package, users have access to a powerful spot colour management tool (Fiery Spot Pro) as well as the latest advancements in Fiery ImageViewer.



Fiery Spot Pro

The most advanced tool for managing spot colors, Fiery Spot Pro ensures that brand colors are reproduced correctly, every time. With Fiery Spot Pro, users get powerful new capabilities, like the ability to create a spot colour alias, import/export spot colour libraries in Adobe Swatch Exchange, create more customised swatch books, edit spot colors in L*a*b, edit spot colour tints, and more.



Fiery ImageViewer

With Fiery ImageViewer, the user can make more powerful late-state colour edits right at the DFE. Choose to edit colorus in a specific area of the page, including replacing specific colour, or adjusting the colour curves.



Fiery Preflight Pro

Fiery Preflight Pro provides the ultimate set of PDF quality control checks Verify file compliance against industry standards, Identify potential errors like low-resolution images, overprint, or missing spot colors, view errors and warnings in the interactive Fiery Preflight Pro report, and more.



2. ACCELERATED PRODUCTION WITH PREPRESS WORKFLOW AUTOMATION

Add Fiery JobFlow for cost-effective, advanced prepress capabilities. You can easily configure automated job workflows including PDF conversion, preflight, correction and editing of PDF files, image enhancement, document imposition, plus approval and job ticketing.



3. INCREASED PROTECTION AND INDUSTRY COMPLIANCE

The Fiery High Security Kit v1.0 provides customers with increased protection against unauthorised access and tampering of the system and enables full compliance with industry regulations and standards, such as FIPS 140-2 and Common Criteria. The kit includes a trusted platform module (TPM) and enables encryption of the boot drive.





Key comparative features

Fiery Server	External - imagePRESS Server N500	Embedded - imagePRESS Server P400
Fiery software	Fiery FS600 Pro	Fiery FS600
Fiery platform	NX Pro	E500
CPU	Intel Core i5-8700 processor	Intel Pentium G5400 processor
Operating system	Windows 10 IoT Enterprise 2021 LTSC	Linux (Debian 11)
RAM	8GB (2x4GB)	8GB (2x4GB)
Disk drives	SSD (for OS + Fiery software) + 1TB HDD SATA	500 GB SATA
Fiery disk drive security kit	OPTIONAL	Not Available
Fiery High Security Kit	OPTIONAL	Not Available
VDP formats	PPML 3.0, PDF/VT-1, PDF/VT-2, VPS, Fiery FreeForm™ Plus	Fiery FreeForm Plus, PDF/VT-1**
Fiery FreeForm™ Create	INCLUDED	INCLUDED
Adobe® PDF Print Engine	INCLUDED	OPTIONAL**
Fiery JobExpert	INCLUDED	OPTIONAL**
Fiery Preflight	INCLUDED	OPTIONAL***
Fiery Edge factory profiles	INCLUDED	INCLUDED
Fiery JDF	INCLUDED	OPTIONAL***
Integration to MIS and Web-to-Print systems	INCLUDED	OPTIONAL***
PDF/X Output Intent	INCLUDED	OPTIONAL**
Fiery Graphic Arts Pro Package (includes Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, and Fiery Control Bar Builder)	OPTIONAL*	Not Available
Fiery Automation Package (Includes Fiery Preflight, Fiery JobFlow™ Base, Fiery JDF, Rush Print, Schedule Print, Print/Process Next)	Not Available	OPTIONAL*
Fiery ColorRight Package (Includes Fiery Spot Pro, Fiery ImageViewer, Fiery Image Enhance Visual Editor, Fiery Postflight, Control Bar)	Not Available	OPTIONAL*
Fiery IQ (Dashboard, Insight, Notify, EFI Go)	INCLUDED*	INCLUDED*
Fiery ColorGuard	OPTIONAL*	OPTIONAL*
Fiery Manage	OPTIONAL	OPTIONAL
Fiery Image Enhance Visual Editor	INCLUDED	OPTIONAL***
Fiery Impose	OPTIONAL*	OPTIONAL*
Fiery Compose	OPTIONAL*	OPTIONAL*
Fiery JobMaster	OPTIONAL*	OPTIONAL*
Fiery JobFlow Base	INCLUDED	OPTIONAL***
Fiery JobFlow	OPTIONAL	OPTIONAL***
Fiery NX Station GL	OPTIONAL	Not Available

* Free 30-day trial available at [fieri.com](https://www.fieri.com)

** Part of the Fiery JobExpert and PDF Processing Kit

*** Part of the Fiery Automation Package

**** Part of the Fiery ColorRight Package



For more information, please visit www.fieri.com

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