



## imagePRESS Server N500

Fiery FS500 Pro

# Make every page count with automated quality and unrivaled performance

Produce high-value, complex applications with great colour quality to maximise your profitability with imagePRESS Server N500, driving the Canon imagePRESS V900 Series



### Effortless colour management

- Maintain outstanding and consistent print quality with a set of fully integrated and automated colour management tools. Even less-experienced operators can produce beautiful, realistic colours using this unique collection of colour features:

-1-step color management — Get all media ready for production easily and automatically with combined calibration and profiling in a single action, directly from Fiery® Command WorkStation®.

-Zero-touch recalibration — Eliminate out-of-date colour with automatic, definable calibration schedules, without manually interrupting print production.

### Boost performance with clever, simple solutions

- Reduce job setup time with Fiery JobExpert™. It analyzes print jobs and dynamically choose the optimal print settings.
- Identify potential errors like low-resolution images, overprints, hairlines, and more. Check for missing elements such as spot colours or fonts with the integrated capabilities of Fiery Preflight.
- Automate job preparation steps in prepress workflows to produce ready-to-print files with Fiery JobFlow Base. This easy-to-use automation software increases productivity and reduces costs.



# imagePRESS Server N500 Specifications

## Fiery Driven™ engines

- Canon imagePRESS V900 / V800 / V700

## Hardware and platform

- Intel® Core™ i7-8700 processor
- 8 GB RAM
- 1 TB HDD
- 240/256GB SSD boot drive for OS and Fiery software
- Fiery Installer Builder
- USB 3.0 ports: 3 front, 2 rear
- USB 2.0 ports: 4 rear
- Microsoft® Windows® 10 IoT Enterprise 2019 LTSC
- Fiery FS500 Pro system software

## Fiery colour and imaging technology

- 1-step Color Management
- Zero-touch Recalibration
- Fiery ColorWise® colour management technology
- Fiery Edge™ colour profiles
- Fiery Calibrator
- Fiery Spot-On™
- PANTONE® Colour Enabled
- Fiery Image Enhance Visual Editor
- Auto trapping
- Image smoothing

## Adobe interpreter support

- Adobe PDF Print Engine 5.5
- CPSI version 3020

## Device management and analytics

- EFI IQ™: Dashboard, Insight, Notify, Go
  - EFI ColorGuard (optional)
  - EFI Manage (optional)

## Performance

- SmartRIP
- Scan-RIP-print simultaneously
- Spool-RIP-print simultaneously
- Strict ordered printing

## Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert
- Fiery drivers for Windows and Mac® users
- Fiery WebTools™
- Booklet Maker
- Pad printing
- Fiery Hot Folders/Virtual Printers
- Fiery JobFlow Base
- Direct mobile printing
- Fiery Go (Android™ and iOS)
- Print Time Estimation
- Fiery Preflight Enhanced PCL6/PCL5
- GUI enablement

## File format support

- Adobe® PostScript® Levels 1, 2, 3
- Adobe PDF
- Enhanced PCL6/PCL5
- PDF/X-1a, 3, and 4
- Encapsulated PostScript (EPS)
- Microsoft Office document formats: doc, docx, xls, xlsx, ppt, pptx, pub (via Hot Folders)
- JPEG, TIFF

## JDF/JMF support

- JDF v1.8 IDP-ICS certified
- EFI MIS and web-to-print integration ready
- Prepress workflow integration (Agfa® Apogee, Kodak® PRINERGY,

Heidelberg® Prinect)

## Variable data printing

- Fiery FreeForm™ Create
- Supported file formats:
  - Fiery FreeForm Plus
  - PPML v3.0
  - PDF/VT-1 and 2
  - Creo VPS compatible
- Record and set level finishing support
- VDP record range printing
- Define record length
- VDP Raster Preview
- VDP Resource Manager

## Optional Fiery software and hardware

- Fiery Graphic Arts Pro Package
  - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, and Control Bar
- Fiery Color Profiler Suite<sup>2</sup>
- EFI ES-3000 spectrophotometer
- Fiery Impose<sup>1</sup>
- Fiery Compose<sup>1</sup>
- Fiery JobMaster™<sup>1</sup>
- Fiery JobFlow™
- Fiery Disk Drive Security Kit
- Fiery memory upgrade kit
- Adobe® Acrobat® Pro 2020 Kit
- Fiery NX Station GL / LS

## Security

- Secure erase, Security Profiles, Security Audit Log
- FIPS 140-2 compliant user data encryption
- Port blocking, IP filtering, 802.1x authentication, IPsec encryption, HTTPs with TLS 1.3 support
- Enhanced certificates management. Fiery self-signed certificates are recreated automatically
- Secure printing, PostScript security, USB security
- Digitally signed software

updates

## Networking/Connectivity

- TCP/IP, AppleTalk, Bonjour support, SNMP, Port 9100, IPP, FTP, SMB, WSD, point and print, print via email (PS/PDF), IPv6 support

## EMI/EMC

- FCC and ICES (US & Canada)
- CE Mark (EU)
- UK CA (UK / Australia / New Zealand)
- VCCI (Japan)
- CCC (China)
- EAC (Russia & 4 Eurasia countries)

## Safety

- CB Scheme by TÜV
- UL/CSA
- CE Mark
- UK CA
- CCC
- EAC

## Power supply and consumption

- Auto-switching: 100–240 VAC
- 50/60 Hz, 6 Amps @100 VAC, 3 Amps @240 VAC
- Maximum/typical power usage: 350 W / 125 W

## Dimensions

- Server: 20.75" (527.05 mm) H x 9.25" (234.95 mm) W x 18.25" (463.55 mm) D
- Server weight 36.5 lbs (16.5 kg)

## Canon compatibility

- 1 Free 30-day trial available
- 2 Free trial in demo mode

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