

# Xerox® EX-P PX500 Print Server Powered by Fiery®

SPECIFICATIONS

The ultimate choice for high-volume, colour-critical and complex workflows, the Xerox® EX-P PX500 Print Server is the most powerful companion to the Xerox® Proficio™ PX500 Production Press.



## BETTER TOGETHER

Built on deep collaboration between Fiery and us, the exclusive Fiery FS700X Pro platform unites industry-leading Digital Front End (DFE) and colour expertise with world-class production print technology to deliver exceptional quality, reliability and productivity.

## KEEP UP WITH DEMANDING JOBS

Intelligent HyperRIP and blazing-fast file processing powers through complex PDFs, long runs, Variable Data Printing (VDP) jobs and high volumes of short jobs – without slowing production.

## PROTECT PROFITABILITY WITH SELLABLE PRINTS

Built-in tools help identify and fix issues before printing, support colour-critical brand requirements and enable last-minute on-DFE edits to reduce reprints and keep jobs moving.

## MAXIMISE 5<sup>TH</sup> STATION INVESTMENT

Included with the system are Fiery Spot Pro and Fiery ImageViewer, which let you quickly see how automated on-press Fluorescent Pink gamut extension improves spot colour accuracy and delivers instant pop. Plus, preview and fine-tune all 5<sup>th</sup> station colours before printing.

## GREAT COLOUR, SIMPLIFIED

Exclusive Fiery\colour technology helps anyone print like a pro. Get stunning, smooth transitions and gradients, improved detail in shadows and highlights, and finer control of chromatic colours to produce vibrant output.

Our colour management automation, together with Fiery's streamlines everything from stock setup to zero-touch recalibration, with minimal operator effort required. Save time, reduce waste and achieve consistent, accurate colour on every job.

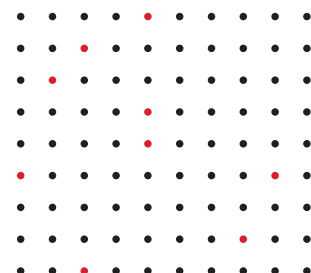
## SMARTER OPERATIONS COME STANDARD

Built-in intelligence keeps production efficient and profitable. The Fiery Smart Estimator delivers clear insight into toner costs; Easy Vitals and the Xerox® Job Progress Light help spot issues early; and Fiery JobExpert™ with a Xerox® Proficio™ PX500 Production Press-exclusive preset automatically selects optimal print settings for consistent, professional output.

Powered by



xerox™



# Specifications for the Xerox® EX-P PX500 Print Server Powered by Fiery®

**XEROX® PROFICIO™ PX500  
PRODUCTION PRESS**

## HARDWARE/PLATFORM

- Fiery FS700X Pro software
- Intel® Xeon® Dual 12 Core Processor
- SSD boot drive for OS and Fiery software + 2 x 2 TB HDD
- 32 GB RAM
- Calibration/profiling: Fiery ES-3000 Spectrophotometer or Full-width Array
- Fiery NX Station GL
- Fiery QuickTouch software
- USB 3.0 ports (2 rear, 3 on Fiery QuickTouch panel, 2 on NX Station GL)
- Microsoft® Windows® 10 IoT Enterprise 2021 LTSC
- Fiery® Installer Builder

## FIERY COLOUR AND IMAGING TECHNOLOGY

- Beyond CMYK features
  - Gamut-extending Fluorescent Pink (calibrated and profiled)
  - HD EA Clear and Low Gloss Clear
  - Multi-pass printing for tactile, dimensional effects
- Fiery Edge™ colour profiles
- Fiery Edge™ spot colour processing
- Fiery Graphic Arts Pro Package
  - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, Fiery Control Bar
- Fiery TrueBrand™
- Fiery Ultra Smooth Gradients
  - 1200 x 1200 dots per inch (dpi), 10-bit rendering resolution
- Ultra High Definition resolution
- RGB and CMYK rendering intent control
- Object-oriented Halftones
- PANTONE® colour enabled
- Cutback trapping
- Composite overprint
- Fiery Calibrator
  - dE linearisation
- Image smoothing
- Fiery Image Enhance Visual Editor
- Fiery Colour Profiler Suite
  - Enables G7 calibration
- Colour Check
- One-step colour management
- Zero-touch recalibration
- Text and graphics enhancement: Fiery Dynamic HD Text and Graphics, reverse text/graphics growth, stroke thickening for graphics, trailing edge compensation, positive text growth, black text/graphics anti-aliasing, colour text/graphics enhancement and text/graphics sharpness

## ADOBE INTERPRETER SUPPORT

- Adobe® PDF Print Engine® version 6.2<sup>1</sup>
- Configurable PostScript® Interpreter (CPSI) version 3020

## FILE FORMAT SUPPORT

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

## PERFORMANCE

- Fiery HyperRIP
  - Intelligent HyperRIP
- SmartRIP
- Spool-RIP-Print
- Strict ordered printing

## VARIABLE DATA PRINTING

- Fiery FreeForm™ Create
- Supported file formats: Fiery FreeForm Plus, PPML v3.0, PDF/VT 1 and 2, Creo VPS, VI Compose, Xerox® VIPP® Language, Xerox Speciality Imaging/Xerox® FreeFlow® VI Suite
- VDP record-and set level finishing, defined record length, VDP multi-up booklet, VDP Imposition

## PRODUCTIVITY AND WORKFLOW

- Xerox® PredictPrint® Media Manager
- Easy Vitals
- Xerox® Job Progress Light
- Fiery Smart Estimator
- Fiery Command WorkStation®
- Fiery JobExpert™
  - Accessible from Xerox® FreeFlow® Core
  - Includes exclusive settings for the Xerox® Proficio™ PX500 Production Press
- Fiery Impose/Compose
- Job groups (Print Group, PDF Group)
- Fiery Print Scheduler
- Print Time Estimation
- Rush Print, Suspend on Mismatch, Process Next, Sample Print, Force Print
- Fiery Drivers for Windows and Mac
- Fiery WebTools
- Fiery Hot Folders/Virtual Printers
- Fiery Server Presets
- Booklet maker
- Set Page Device Mapping
- Pad printing
- Visual image shift
- Auto trapping
- Fiery Go (Android and iOS)
- Mixed subset finishing
- Slip sheet, job cover page and offset by sheets, copies or sets
- Fiery Custom Crease
- Fiery VUE
- GUI-enabled

## NETWORKING/CONNECTIVITY

- TCP/IP, Bonjour support, SNMP, Port 9100, IPP 2.0, FTP, SMB, WSD, point and print, print via email (PS/PDF), IPv6 support, LDAP authentication
- Login with SSO (single sign-on)
- Native support for Universal Print by Microsoft®
- Compliant with Mopria® industry standard

## POWER

- Auto-switching: 100–240 VAC, 10–5 amps, 60-50 Hz. Typical: 200 W, 2 amp @ 100 V. Maximum: 600 W, 6 amp @ 100 V

## SECURITY FEATURES

- Secure Erase (NIST 800-88 compliant), Security profiles and Security Audit Log
- Secure Boot
- OS drive encryption (requires Fiery High Security Kit)
- FIPS 140-2 compliant data encryption. Common Criteria compliant<sup>2</sup>
- Option to use a customer-hardened Windows OS image to meet security compliance requirements
- Port blocking, IP filtering, 802.1X authentication and IPsec encryption
- TLS 1.3 support for encrypted communications (NIST 800-52 compliant)
- Enhanced certificate management
- Fiery self-signed certificates are recreated automatically
- Secure printing, PostScript® security, USB security
- Digitally signed software updates

## DIMENSIONS/WEIGHT

- Print Server: 527.05 mm H x 234.95 mm W x 571.5 mm D. Weight: 21.77 kg
- NX Station GL: 1,525 mm H x 800 mm W x 886 mm D. Weight: 41.9 kg

## REGULATORY AGENCY APPROVALS

- Safety: CB Scheme - 62368-1, 2nd/3<sup>rd</sup> Edition, CU-Mark (US and Canada), T-Mark (EU), UK CA Mark (UK)
- EMI/EMC: FCC and ICES-003 (US and Canada), CE Mark (EU), RCM Mark (Australia and New Zealand), UKCA Mark (UK)

## INTEGRATION

- Xerox® FreeFlow® Vision Connect Software, Xerox® FreeFlow® Core
- Fiery API
- Fiery JDF v1.8
- MIS and Web-to-print integration ready
- Prepress workflow integration (Heidelberg® Prinect, Kodak® PRINERGY, Agfa® Apogee, SCREEN EQUIOS)

## ADDITIONAL OPTIONS

- Speciality Dry Ink kits – Enable Speciality Dry Ink stations
- Xerox® Quality Control Module
- Fiery Manage<sup>2</sup>
- Fiery® ColorGuard™<sup>2</sup>
- Fiery JobMaster™<sup>2</sup>
- Fiery disk drive security kit
- Fiery High Security Kit (includes trusted platform module (TPM) and enables OS drive encryption)

<sup>1</sup> Updated with enhancements and service releases on an ongoing basis

<sup>2</sup> Free 30-day trial available

<sup>3</sup> With proper configuration by the end customer or service provider

For more information on the Xerox® EX-P PX500 Print Server Powered by Fiery®, please contact our representative, call +1-800-ASK-XEROX or visit us online at [www.xerox.co.uk](http://www.xerox.co.uk).