

# Xerox® EX PX500 Print Server Powered by Fiery®

SPECIFICATIONS

The Xerox® EX PX500 Print Server Powered by Fiery® for the Xerox® Proficio™ PX500 Production Press delivers the reliability and colour quality you need for everyday commercial production.

## 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.

## 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. Fiery Spot-On and TrueBrand provide base spot colour management tools for all job types.

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.

## SIMPLIFY DAILY PRODUCTION

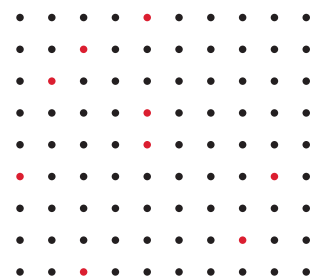
User-friendly tools help operators print jobs correctly, group multiple jobs together or schedule work to align with daily demands. No advanced expertise required.

## ADD MORE POP TO PRINTS

Automated on-press Fluorescent Pink gamut extension improves spot colour accuracy and delivers instant wow to any job.

## BUILT-IN INTELLIGENCE

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 PX500 Print Server Powered by Fiery®

XEROX® PROFICIO™  
PX500 PRODUCTION PRESS

## HARDWARE/PLATFORM

- Fiery FS700X Pro software
- Intel® Core i3-12100 Processor
- NVMe SSD boot drive for OS and Fiery software + 1 TB HDD
- 16 GB RAM
- Calibration/profiling: Fiery ES-3000 Spectrophotometer or Full-width Array
- Fiery QuickTouch software
- Five USB 3.x ports, two USB 2.0 ports
- 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
- PANTONE® colour enabled
- Fiery Spot-On™
- Fiery TrueBrand
- Fiery Ultra Smooth Gradients
  - 1,200 x 1,200 dots per inch (dpi), 10-bit rendering resolution
- Ultra High Definition resolution
- RGB and CMYK rendering intent control
- Object-oriented Halftones
- Cutback trapping
- Composite overprint
- Fiery Calibrator
  - dE linearization
- 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, text/graphics sharpness

## PERFORMANCE

- SmartRIP
- Spool-RIP-Print
- Strict ordered printing

## 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)

## VARIABLE DATA PRINTING

- Fiery FreeForm™ Create
- Supported file formats: Fiery FreeForm Plus, PPM v3.0, PDF/VT 1 and 2, Creo VPS, VI Compose, Xerox® VIPP® Language, Xerox Speciality Imaging/FreeFlow® VI Suite
- VDP record and set level finishing, define 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
- Fiery Preflight
- 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

## SECURITY FEATURES

- Secure Erase (NIST 800-88 compliant), Security Profiles and Security Audit Log
- Trusted Platform Module (TPM)
- Secure Boot
- OS drive encryption (requires Fiery High Security Kit)
- FIPS 140-2 compliant data encryption. Common Criteria compliant<sup>3</sup>
- Option to use a customer-hardened Windows OS image to meet security compliance requirements
- Port blocking, IP filtering, 802.1X authentication, 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

## 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 standards

## DIMENSIONS/WEIGHT

- 527.05 mm H x 234.95 mm W x 463.55 mm D.
- Weight: 16.5 kg

## POWER

- Auto-switching: 100–240 VAC, 7–3.5 amps, 50/60 Hz
- Typical: 100 W, 1 amp @ 100 V. Maximum: 350 W, 7 amp @ 100 V

## REGULATORY AGENCY APPROVALS

- Safety: CB Scheme – 62368-1, 2nd/3rd 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 Graphic Arts Pro Package<sup>2</sup>
  - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, Fiery Control Bar
- Fiery NX Station GL
- Fiery Manage<sup>2</sup>
- Fiery® ColorGuard™<sup>2</sup>
- Fiery JobMaster™<sup>2</sup>
- Fiery Disk Drive Security Kit
- Fiery High Security Kit (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 PX500 Print Server Powered by Fiery®, please contact our representatives, call +1-800-ASK-XEROX or visit us online at [www.xerox.co.uk](http://www.xerox.co.uk).

