

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 color 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 color expertise with world-class production print technology to deliver exceptional quality, reliability, and productivity.

GREAT COLOR, SIMPLIFIED

Exclusive Fiery color technology helps anyone print like a pro. Get stunning, smooth transitions and gradients, improved detail in shadows and highlights, and finer control of chromatic colors to produce vibrant output. Fiery Spot-On and TrueBrand provide base spot color management tools for all job types.

Our color 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 color 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 color accuracy and delivers instant wow to any job.

BUILT-IN INTELLIGENCE

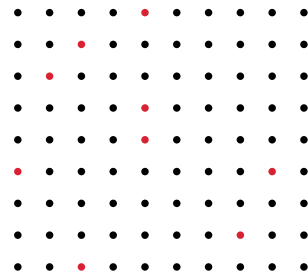
The Fiery Smart Estimator delivers clear insight into toner costs, Easy Vitals and the Xerox Job Progress Light help spot issues early, and Fiery JobExpert with a Xerox® Proficio™ PX500 Production Press-exclusive preset automatically selects optimal print settings for consistent, professional output.



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 COLOR 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 color profiles
- Fiery Edge spot color processing
- PANTONE® Color Enabled
- Fiery Spot-On™
- 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
- Cutback trapping
- Composite overprint
- Fiery Calibrator
 - dE linearization
- Image smoothing
- Fiery Image Enhance Visual Editor
- Fiery Color Profiler Suite
 - Enables G7 calibration
- Color Check
- One-step color 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, color text/graphics enhancement, text/graphics sharpness

PERFORMANCE

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

ADOBE INTERPRETER SUPPORT

- Adobe® PDF Print Engine® version 6.2¹
- 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,lsx, ppt, pptx, pub (via Fiery Hot Folders)

VARIABLE DATA PRINTING

- Fiery FreeForm™ Create
- Supported file formats: Fiery FreeForm Plus, PPM1 v3.0, PDF/VT 1 and 2, Creo VPS, VI Compose, Xerox® VIPP® Language, Xerox Specialty 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 compliant³
- 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

- 20.75" (527.05 mm) H x 9.25" (234.95 mm) W x 18.25" (463.55 mm) D.
- Weight: 36.5 lb (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

- Specialty Dry Ink kits – Enable Specialty Dry Ink stations
- Xerox® Quality Control Module
- Fiery Graphic Arts Pro Package²
 - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, Fiery Control Bar
- Fiery NX Station GL
- Fiery Manage²
- Fiery® ColorGuard™²
- Fiery JobMaster™²
- Fiery Disk Drive Security Kit
- Fiery High Security Kit (enables OS drive encryption)

¹ Updated with enhancements and service releases on an ongoing basis

² Free 30-day trial available

³ 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.com.

