

## BP-PE12 V2.0 Fiery® Print Server

### Endless Color Possibilities. Unparalleled Productivity.

The BP-PE12 Fiery server for the Sharp BP-1200C and BP-1200S Color Press Series includes smart automation and integrated tools delivering unique prints that stands out from the rest.

#### Unrivaled efficiency

Introducing the BP-PE12 V2.0 Fiery server, that incorporates advanced applications and processing capabilities to truly elevate your production print output. The Fiery server incorporates Intelligent HyperRIP™, an innovative Fiery technology designed to expedite the processing of large and complex jobs, enabling your business to expand your printer's capacity with confidence. Increase efficiency with the benefits from the included, browser-based Fiery JobFlow™ Base prepress automation software.

#### Dazzle with specialty colors

Enhance your print projects with premium effects by utilizing up to two specialty colors simultaneously, enabling the creation of dazzling metallics and an expanded spectrum of rich, vibrant color expressions. Now featuring the innovative pink gamut extension, the server unlocks a new realm of vivid, striking hues to elevate your prints. Simplify the handling of specialty colors with built-in tools such as Fiery ImageViewer and Fiery Spot Pro. Additionally, the Fiery Smart Estimator calculates your specialty color usage before printing a single page.

#### Integrated print intelligence

Minimize setup time and reduce waste with Fiery JobExpert that automatically analyzes incoming PDF files and dynamically chooses optimal Fiery print settings.



#### A unified, integrated print room

Manage all your Fiery Driven™ printers from Fiery Command WorkStation to centralize job management. Integrate your print production workflow with management information systems, Web-to-Print systems, and popular prepress workflows for end-to-end automation.

Use the Fiery Workflow Suite of integrated products, like the included Fiery Impose-Compose, or Fiery JobMaster, to accelerate makeready from job setup through finishing in one single, visual interface.

#### Stand out through personalization

Utilize Fiery FreeForm™ Create, an included application, to easily and quickly generate personalized print jobs. Incorporate variable components such as text, images, or barcodes with just a few clicks. You can also produce personalized files that incorporate specialty colors for extra visual impact.



# SPECIFICATIONS FIERY BP-PE12 V2.0

## Main Specifications

### Fiery Driven™ engines

- Sharp BP-1200C/BP-1200S Color Press Series
- Supports all engine finishing devices

### Hardware and platform

- Dual Intel® Xeon® 12-Core
- 32 GB RAM
- SSD boot drive for OS & Fiery software + 2 x 2 TB HDD
- Fiery NX Station GL
- USB 3.0: 4 rear ports, 3 on Fiery QuickTouch™ panel, 2 on NX Station GL
- Calibration: Inline sensor or ES-3000 spectrophotometer
- Fiery FS600 Pro system software
- Microsoft Windows® 10 IoT Enterprise 2021 LTSC
- Fiery Installer Builder

### Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert™
- Fiery Intelligent HyperRIP
- Fiery JobFlow™ Base
- Fiery Smart Estimator
- Fiery Impose-Compose
- Fiery Hot Folders/Virtual Printers
- Fiery drivers for Linux, Windows and Mac®
- Fiery WebTools™
- Fiery server presets
- Fiery Go (Android™ and iOS)
- Fiery Paper Catalog
- Spool-RIP-Print simultaneously
- Rush Printing, Schedule Print, Suspend on Mismatch, Job Reorder, Proof Print, and Quick Doc Merge
- Fiery IQ: Dashboard, Insight, Notify, EFI Go

### Color and imaging

- Specialty color features
  - Gamut extending pink toner
  - Supports all engine specialty toners
  - Fiery Spot Pro enables creation of dazzling custom spot colors
  - Multi-Pass Printing of CMYK and/or specialty colors for tactile, dimensional effects
  - Invert specialty color
  - Double print specialty color
- Fiery Edge™ color profiles
- PANTONE® Color Enabled
- Object Oriented Halftones
- RGB and CMYK rendering intent control
- Fiery Ultra Smooth Gradients (1200 x 1200 dpi, 10-bit rendering resolution)
- Text and graphics enhancement
- Fiery Graphic Arts Pro Package
  - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight, Fiery Postflight, Fiery Control Bar Builder
- Composite overprint
- Image smoothing
- Fiery Image Enhance Visual Editor
- Fiery Color Profiler Suite with ES-3000

### Variable data printing

- Fiery FreeForm™ Create
- Supported file formats:
  - Fiery FreeForm Plus, PPML v2.x/3.0, PDF/VT 1 and 2, Creo VPS
- VDP Record and Set Level Finishing, VDP Record Range Printing, Define Record Length, VDP Resource Manager, VDP Raster Preview, VDP imposition

### Adobe interpreter support

- Adobe® PDF Print Engine® 6
- 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 Hot Folders)

### Security

- Secure Erase (NIST 800-88 compliant), Security profiles
- FIPS 140-2 compliant data encryption
- SO/IEC 15408 & IEEE Std 2600 (Common Criteria) compliant
- Port blocking, IP filtering, 802.1x advanced authentication methods, Secure connections using HTTPs with support for TLS 1.3, IPsec network encryption
- Secure Printing, USB security, port based access controls
- Digitally signed software updates
- Windows 10 OS security features
- Authentication/Accounting

### Networking/Connectivity

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

### EMC

- FCC Title 47, Part 15 Subpart B, ISSED of Canada, ICES-003, EN55032: 2015 +A11:2020, EN 55035: 2017/A11:2020, AS/NZS CISPR 32: 2013, CCC-China, KC-Korea, BSMI-Taiwan

### Safety

- CB Scheme-IEC-62368-1, 2nd Edition, EN 62368-1, 2nd Edition, CE Mark (EU), cTUVus -NA, CCC-China, BSMI-Taiwan

### Integration

- JDF v1.8
- Fiery API
- MIS and Web-to-Print integration ready
- Prepress workflow integration (FUJIFILM XMF Workflow, Agfa® Apogee, Kodak® PRINERGY, Heidelberg® Prinect, SCREEN EQUIOS)

### Optional Fiery software and hardware

- Fiery Dual Specialty Toner Package License
- Fiery JobMaster™
  - Available as a 5-year term license
- Fiery JobFlow
- Fiery Manage
- Fiery ColorGuard®
- Fiery disk drive security kit
- ES-6000 spectrophotometer

### Power

- Print server
  - Auto-switching: 100–240 VAC
  - 50/60 Hz, 6 Amps @100 VAC, 5 Amps @240 VAC
  - Maximum power usage: 600 W
  - Typical power usage: 200 W
- NX Station GL
  - Auto-switching: 100–240 VAC
  - 50/60 Hz, 1.2 Amps

### Dimensions/Weight

- Print server
  - Height: 20.75" (527.05 mm), Width: 9.25" (234.95 mm), Depth: 22.5" (463.55 mm)
  - Weight: 48 lbs (21.77 kg)
- NX Station GL (without server)
  - Height: 60" (1,525 mm), Width: 31.5" (800 mm), Depth: 34.9" (866 mm)
  - Weight: 92.5 lbs (41.9 kg)

\* Free 30-day trial available

This document highlights a selection of features. For the full list of specifications, please contact your sharp representative.



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