

BP-PE12 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 print that stands out from the rest.

Unrivaled efficiency

Introducing the BP-PE12 Fiery server, incorporating advanced applications and processing capabilities to truly elevate your production print output. The Fiery server incorporates HyperRIP™, an innovative Fiery function 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 array of rich, vibrant color expressions. 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™ cutsheet 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 production 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

Main Specifications

Fiery Driven™ engines

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

Hardware and platform

- Dual Intel® Xeon® 12-Cores
- 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
- QuickTouch™ panel, 2 on NX Station GL
- Calibration: Inline sensor or EFI™ ES-3000 spectrophotometer
- Fiery FS400 Pro system software
- Microsoft Windows® 10 IoT Enterprise 2019 LTSC
- Fiery Installer Builder

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert™
- Fiery 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
- Booklet Maker
- Copy numbering
- Rush Printing, Schedule Print, Suspend on Mismatch, Job Reorder, Proof Print, and Quick Doc Merge
- Set Page Device Mapping
- Sample Print
- Auto trapping
- Mixed Subset Finishing
- Strict ordered printing
- Slip sheet, job cover page and offset by sheets, copies or sets
- Fiery Custom Crease
- Fiery IQ: Dashboard, Insight, Notify, Go

Color and imaging

- Fiery Edge™ color profiles
- Specialty color features
 - 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
- 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 Dynamic HD Text and Graphics, reverse text and graphics growth, color text and graphics enhancement, trailing edge compensation, color character edge enhancement, black text and graphics anti-aliasing, text/graphics sharpness
- Fiery Graphic Arts Pro Package**
 - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight, Fiery Postflight, Fiery Control Bar Builder
- Composite overprint
- Image smoothing
- Image enhance
- Fiery Image Enhance Visual Editor
- Fiery Color Profiler Suite

Variable data printing

- Fiery FreeForm™ Create
- Supported file formats:
 - Fiery FreeForm Plus, PPML v2.x/3.0, PDF/A1-1 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® 5.3***
- 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, 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, Portbased access controls
- Digitally signed software updates
- Windows 10 OS security features
- Authentication/Accounting

Networking/Connectivity

- 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, ISED 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 v1.7
- 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
- Adobe® Acrobat® Pro 2020 Kit
- Fiery ColorGuard®
- Fiery disk drive security kits
- 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)

* Updated with enhancements and service releases on an ongoing basis ** With proper configuration by end customer or service provider *** Free 30-day trial available **** Free trial in demo mode



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