

BP-PE10 Fiery® Print Server

The Edge of Excellence: Top Quality Performance on Every Page

Amplify profitability: The Fiery BP-PE10 server drives the Sharp Color Pro Series BP-90C70/BP-90C80 document systems with smart automation and flawless colors.



The Power of Cutting-Edge Technology

Introducing the Fiery BP-PE10 server, a powerful partner for the Sharp BP-90C70/BP-90C80. Powered by the innovative Fiery® FS600 Pro software, this product is designed to elevate printing efficiency and output quality. Unify your print job management to gain operational performance. Fiery Command WorkStation empowers production staff with robust capabilities to prepare and manage jobs for all Fiery driven printers. It includes the new Fiery Print Scheduler, a tool that lets users easily schedule print jobs through a visual interface, to best align with daily production demands, equipment availability and customer delivery deadlines.

Maximize Performance with Smart, User-Friendly Solutions

- Cut down job setup time using **Fiery JobExpert™**. It analyzes print jobs and automatically selects the best print settings.
- Detect possible errors like low-resolution images, overprints, hairlines and more. The integrated capabilities of **Fiery Preflight** also finds missing elements, such as spot colors or fonts.
- Streamline prepress workflows and generate print-ready files effortlessly using **Fiery JobFlow™ Base**. This user-friendly automation solution saves time and minimizes rework due to errors.
- Print accurate brand colors from Microsoft Office applications. With the **Fiery TrueBrand™** tool, it's easy for anyone to map RGB values to named spot colors, such as PANTONE colors.



BP-90C80 Pro Series Document System shown in a full configuration.

SPECIFICATIONS FIERY BP-PE10

Main Specifications

Fiery Driven™ engines

- Sharp Color Pro Series BP-90C70/BP-90C80

Hardware and platform

- Intel Core i5-8500 processor
- 8 GB RAM
- SSD boot drive for OS & Fiery software + 1 TB HDD
- USB 3.0: 2 rear ports, 3 on Fiery QuickTouch™ panel. USB
- 2.0: 4 rear ports.
- Microsoft Windows® 10 IoT Enterprise 2021 LTSC
- Fiery Installer Builder
- Fiery FS600 Pro system software
- Fiery QuickTouch software

Performance

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

Color and imaging

- Fiery Edge™ color profiles
- Fiery ColorWise® color management technology
- Fiery Spot-On™
- Fiery TrueBrand
- PANTONE® Color Enabled
- Fiery Calibrator
- Fiery Edge spot color processing
- Composite overprint
- Fiery Image Enhance Visual Editor

Adobe interpreter support

- Adobe® PDF Print Engine® 6.0¹
- CPSI version 3020

Device management and analytics

- Fiery IQ: Dashboard, Insight, Notify, EFI Go
 - Fiery ColorGuard (optional)
 - Fiery Manage (optional)

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert™
- Job Groups
 - Print Group
 - PDF Group (requires a subscription for Fiery Impose/Compose/JobMaster)
- Fiery Media Catalog
- Fiery Print Scheduler
- Print Time Estimation
- Fiery JobFlow™ Base
- Fiery Preflight
- Fiery Hot Folders/Virtual Printers
- Fiery drivers for Windows and Mac®
- Fiery VUE
- Fiery WebTools™
- Fiery server presets
- Fiery Go (Android™ and iOS)
- Booklet Maker
- GUI enabled
- Pad Printing

Variable data printing

- Fiery FreeForm™ Create
- Supported file formats: Fiery FreeForm Plus, PPML v3.0, 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

File format support

- Adobe® PostScript® Levels 1, 2, 3; Adobe PDF; PDF/X-1a, 3, and 4; Optimized PDF and PS; Enhanced PCL6/ PCL5, EPS, TIFF, JPEG (via Hot Folders)
- Microsoft Office document formats: doc, docx, xls, ppt, pptx, pps, ppsx, pub (via Hot Folders)

Integration

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

Security

- Secure Erase (NIST 800-88 compliant), Security profiles, Security Audit Log
- FIPS 140-2 compliant data encryption
- Common Criteria compliant²
- 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: Fiery WebTools, Fiery JobFlow, IPP, Direct Mobile Printing
- 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
- Native support for Universal Print by Microsoft
- Compliant with Mopria® industry standard

EMC/EMI

- FCC and ICES (US & Canada)
- CE Mark (EU)
- UK CA (UK / Australia / New Zealand)
- VCCI (Japan)
- CCC (China)
- EAC (Russia & 4 Eurasia countries)

Safety

- CB Scheme by TÜV
- UL/CSA
- CE Mark
- UK CA
- CCC
- EAC

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

Dimensions/Weight

- Height: 20.75" (527.05 mm), Width: 9.25" (234.95 mm), Depth: 18.25" (571.5 mm)
- Weight: 36.5 lb (16.5 kg)

Optional Fiery software and hardware

- Fiery Graphic Arts Pro Package³
 - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, Fiery Control Bar
- Fiery Impose-Compose³
- Fiery Impose³
- Fiery Compose³
- Fiery JobMaster³
- Fiery JobFlow³
- ES-3000 spectrophotometer
- ES-6000 spectrophotometer
- Fiery Color Profiler Suite⁴
- Fiery disk drive security kit
- Fiery High Security Kit v1.0
- Adobe Acrobat® Pro Kit
- Fiery NX Station GL/LS

¹ Updated with enhancements and service releases on an ongoing basis

² With proper configuration by end customer or service provider

³ Free 30-day trial available

⁴ Free trial in demo mode

SHARP®

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