

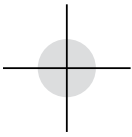
Canon

imagePRESS™ Server A3100



imagePRESS SERVER A3100

THE imagePRESS SERVER A3100 IS CANON'S MOST POWERFUL FRONT-END PRINT SERVER ENGINEERED FOR HIGH-SPEED PROCESSING OF GRAPHIC-INTENSIVE, VARIABLE DATA PROJECTS FOR THE MOST DEMANDING PRINT PRODUCTION ENVIRONMENTS.



QUALITY CONTROL YOU CAN COUNT ON

Digital printing allows you to offer more value-added services while still providing the same high-quality, color accurate output. Ideal for the imagePRESS C7000VP/C6000VP/C6000, the imagePRESS Server A3100 comes equipped with the tools you need to help match spot colors, adjust for varying paper stocks, and ensure proper color management, so that each job has predictable and accurate color.

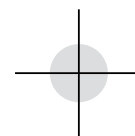
Standard on the imagePRESS A3100 Server is the Graphic Arts Package, Premium Edition, a comprehensive suite of tools that allows production environments to achieve consistent, accurate color and high-quality output. Easily insert color bars to any job to enhance quality control and color consistency. Operators can easily manage the chokes and spreads of each color channel to ensure proper trapping of all elements. This suite also offers complete control over spot colors so corporate logos match guidelines. To minimize waste and time, advanced proofing capabilities ensure that all color edits and layout changes were applied as intended. Moreover, when jobs don't print correctly, the server's built-in diagnostic tools make the needed adjustments on-press so you get high-quality output quickly and effortlessly.

With ColorWise®, color processing takes place at the server, giving operators maximum control to ensure accurate color. It's specifically designed to assist with importing and managing ICC profiles, calibration control, and customized color curves.

OPTIMIZE PRESS PRODUCTIVITY

On-demand printing is all about producing the exact number of prints, exactly when needed. Your ability to process and print jobs in less time is critical. The imagePRESS Server A3100 provides the processing power needed to get graphic-intensive files and variable data jobs out the door fast. This extremely rapid dual processor can print and process simultaneously for maximum throughput.

To help maximize productivity, a comprehensive set of job management and make-ready tools are available to assist in the management of documents, paper selection, tab insertion, late stage PDF editing, and other advanced features. Impose comes standard and is utilized in the imposition of static and Variable Data Printing (VDP) jobs. This is done through an intuitive interface that reduces labor and minimizes errors in busy



production environments. In addition, Compose offers composition and assembly tools that allow operators to review, manage, and manipulate jobs from one centralized location. Plus, advanced control of the print queue ensures that time-sensitive jobs are completed when needed and the new booklet maker feature allows you to create professional saddle-finished booklets on demand, quickly and easily.

Hot Folders and Virtual Printers eliminate repetitive tasks for faster, error-free printing and improved productivity. Hot Folders has a range of filters that integrates your imagePRESS digital press and imagePRESS Server A3100 into your prepress environment to shorten job setup with submission of native files.

BE READY FOR WHAT'S NEXT

Web-to-print, VDP, and integration into Management Information Systems (MIS) are more than just buzz words; these are the new drivers of the printing industry. As your business evolves, you want to be confident that the system in place will handle whatever comes next. The imagePRESS C7000VP, imagePRESS C6000VP, or

imagePRESS C6000 digital press, combined with the imagePRESS Server A3100, is a highly versatile system designed to adapt and grow with your business.

Create personalized, one-to-one marketing materials.

The imagePRESS Server A3100 supports many VDP languages and will work with numerous applications. With the combination of imagePRESS technology and appropriate software solutions, Canon can help customers achieve a higher level of efficiency and success.

Protect your data. The imagePRESS Server A3100 also includes a comprehensive set of document and device security measures to help customers protect their data.

Manage production and control costs. Ideal for graphic-intensive environments requiring print and business workflow integration via Job Definition Format (JDF), the Canon imagePRESS Server A3100 is a complete solution for professionals looking to integrate EFI® Print Café MIS and Web-to-print solutions. This highly flexible server can integrate into cross-platform environments and operate with other Canon and third-party solutions.

THE POWER TO PRODUCE

The fastest, most powerful color server in its class, the imagePRESS Server A3100 delivers the high-productivity and color accuracy expected in the production printing marketplace. And it's from Canon, the name to trust for high-end digital imaging solutions.



Specifications

imagePRESS™ Server A3100

HARDWARE

- Canon imagePRESS Server A3100 Motherboard
 - Intel® Xeon® 5160 Dual Core 3.0GHz Processors x 2
 - 2GB DDR2 Memory
 - 1333MHz Front Side Bus
- Hard Drives
 - (2) 250GB Hard Drives
 - 80GB Hard Drive
- Internal DVD/CD-RW Drive
- Integrated Interface and Stand

imagePRESS DIGITAL PRESSES SUPPORTED

- imagePRESS C7000VP, imagePRESS C6000VP, imagePRESS C6000

COLOR MANAGEMENT

- ColorWise Pro Tools
 - Calibrator
 - Color Editor
 - Profile Manager
 - Spot-On®
 - Color Setup
- Rendering Styles
 - Photographic
 - Presentation
 - Relative Colorimetric
 - Absolute Colorimetric
- Calibration
 - Auto Gray
 - Calibration with Densitometer or Spectrophotometer
 - ColorCal
- Color Charts and Reference Pages
- Gray Component Replacement (GCR) Control
- Independent RGB, PANTONE®, and CMYK Control
- Mac OS X Support
- Print Gray Using Black Only (RGB and CMYK)
- Pure Black Text/Graphics
- Support for Custom Simulation Targets
- Support for SWOP, sRGB, Adobe® RGB, and others through ICC profiles
- Trapping and Overprinting

DOCUMENT PRINTING FEATURES

- Advanced Job Reorder
- Archiving
- Auto Duplexing Support
- Booklet Maker
- Continuous Print
- Cover Mode
- Custom Page Sizes
- EFI Compose
- Face-Down Delivery
- ImageShift
- Load Balancing
- Mixed Media Support

- MS Office Filters
- Paper Catalog
- PDF Editing with PitStop Software
- PPML Support
- Print/Process Next
- Quick Doc Merge
- Reverse Order Printing
- RIP-While-Print
- Rush Print
- Schedule Printing
- Slip Sheeting
- Suspend on Mismatch
- Tab Insert
- Transparency Interleaving

GRAPHIC ARTS PACKAGE, PREMIUM EDITION

- 2-Color Print Mapping
- Configurable Auto-Trapping
- Control Bar
- EFI Preflight
- Filters for Hot Folders
- Halftone Simulation
- ImageViewer
- Paper Simulation Editing
- Postflight
- Preflight
- Progressives
- Spot-On with Substitute Colors
- TIFF/IT Filters

IMAGE SETTINGS

- Advanced Smoothing
- Brightness
- Color Graphics/Line Control
- Density Fine Adjustment
- Gradation Smoothing
- Halftone Simulation
- Image Compression
- Image Smoothing
- Printer's Halftone
- Resolution
- Sharpness
- Toner Reduction
- Toner Saving

IMPOSE

- Create/Save Imposed Jobs in PDF Format
- Front/Back Cover Printing Settings
- Insert Custom Text for Blank Pages
- Mixed Media Definition
- New Gang-Up Styles
- Sheet's Non-Printable Area Preview
- Support for Booklet Maker
- User Preference for Default Scaling Factor
- User Preference for PS to PDF Conversion

LANGUAGE/FONTS

- PDF Printing (PDF 1.6)
- 126 Adobe Type 1 Roman PostScript® Scalable Fonts
- 10 TrueType® Fonts

NETWORKING/CONNECTIVITY

- Simultaneous Auto-Switching Protocols
 - AppleTalk®, TCP/IP, IPX/SPX™
- 10/100/1000Base-T Standard Support
- Automatic IP Configuration
- Bonjour
- IEEE802.1x Authentication
- IPP (Internet Print Protocol)
- IPv6
- LDAP Support
- NDPS Gateway Printing
- Port 9100 Support

PAGE DESCRIPTION

- Adobe PostScript 3

SECURITY

- IP Filtering
- Port Filtering
- Removable Hard Drive (Optional)
- Secure Erase

UTILITIES

- Command WorkStation®
- EFI Job Monitor
- Fiery® Downloader
- Fiery Driver
- Fiery FreeForm™
- Fiery Scan and Fiery Remote Scan
- JDF Connector
- Job Log
- WebTools

OPTIONAL HARDWARE/SOFTWARE

- Removable Hard Drive

POWER SUPPLY

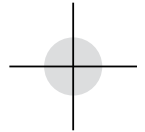
- Auto-Switching 100-230VAC, 50-60Hz
- 5A @ 115VAC

DIMENSIONS (H x W x D)

- 22.76" x 8.31" x 23.15" (578mm x 211mm x 588mm)

WEIGHT

- 65.7 lb. (29.8kg)



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