



**PRODUCTION SOLUTIONS**



**imagePRESS™  
Server A2000**



# IMAGE QUALITY

## PRODUCTION SOLUTIONS

### imagePRESS SERVER A2000

The Canon imagePRESS Server A2000 is a Fiery®-based, high-performance server that's ideal for mid- to high-end production environments requiring outstanding color control, superior image quality, versatility, and reliability.



imagePRESS™  
Server A2000

#### CONTROLLING QUALITY

Ensuring that all aspects of a job print correctly—especially color-critical elements—is essential in any production printing environment. To help satisfy even the most demanding customer expectations, the imagePRESS Server A2000 comes loaded with a suite of tools for color management, proofing, and quality control on the imagePRESS C7000VP digital press.

The **Graphic Arts Package**, standard on the imagePRESS Server A2000, is a set of tools that helps operators produce predictable and reliable color on the imagePRESS C7000VP digital press. The suite includes tools to simulate the actual paper that will be used in production for a more accurate proof that will meet your customers' expectations. Halftones can also be simulated to replicate jobs produced on offset presses. In addition, built-in soft proofing helps shorten the approval process and reduce hard-copy proofing costs. You can also upgrade to the Graphic Arts Package, Premium Edition, which offers advanced tools for color control and proofing.

The imagePRESS Server A2000 also includes color matching tools to reproduce PANTONE® colors accurately and automatic trapping functions for control over trapping and registration.

Embedded in the server is **ColorWise®**, an in-RIP color management system. ColorWise helps ensure maximum control and color accuracy across numerous platforms, applications, and paper stocks. It comes standard with tools to assist you with color calibration, ICC profiles, and the creation of custom color curves.

# PRODUCTIVITY and VERSATILITY



imagePRESS Server A2000 shown with optional Advanced Controller Interface Kit and Furniture Stand.

## MAXIMIZING PRODUCTIVITY

Digital printing is a fast-paced, demanding business. Data and graphics must flow effortlessly through the press while operators juggle resources and schedules. You need an intuitive workflow that empowers your operators to quickly and accurately perform complex tasks. Built for today's high-pressure digital printing business, the imagePRESS Server A2000 is equipped with the tools and technologies you need to manage your print production.

The Production Printing package is a comprehensive set of job management and make ready tools for paper stock management, tab insertion, advanced control of the print queue, and other sophisticated features that will help maximize productivity.

This high-speed server provides the processing power needed for efficient production printing. As the hub of your digital printing operations, the imagePRESS Server A2000 creates an automated and unified workflow for handling numerous types of jobs. Local and remote job submission can be streamlined by eliminating repetitive tasks for faster, error-free printing and improved productivity. In addition, imposition of static and VDP jobs are managed with an intuitive interface, which reduces labor and minimizes errors in busy production environments.

The imagePRESS Server A2000's newly redesigned user interface provides a real-time view of print production status in an easy-to-use format. It helps reduce errors and shorten preparation time by making it easier to correctly setup and manage multiple print runs.

## POWERING YOUR GROWTH

Everyday brings new opportunities. Each customer has unique requirements and objectives. Controlling costs and aligning your business with each customer's needs requires a workflow solution that's flexible enough to power the growth of your company.

The imagePRESS Server A2000 is a versatile system that supports high-value print services and applications. Create effective, customized marketing materials with a complete tool set for variable data printing that works with several industry and legacy languages to accelerate the processing of multiple images and merging of variable content.

Ideal for environments requiring simple integration, the imagePRESS Server A2000 is a complete solution for professionals operating both Windows® and Macintosh® platforms. It's built for integration into existing workflow environments as well as interoperability with other Canon and third party solutions. Moreover, the imagePRESS Server A2000 includes a comprehensive set of document and security measures to help customers protect their data.

## LEADING THE INDUSTRY

The imagePRESS Server A2000 delivers the quality, productivity, and versatility you need to power the growth of your business. It offers high-speed, intuitive software, and expanded capabilities, all in a single package. And it's from Canon, the name to trust for high-end digital imaging solutions.

## SPECIFICATIONS

### Hardware

- Canon imagePRESS Server A2000 Motherboard
  - Intel® Pentium® 4 3.2GHz Dual Core
  - 2GB SDRAM
  - 800MHz System Bus (Front Side Bus)
- Hard Disk
  - (2) 160GB Hard Disk
- DVD/CD-RW Drive

### Document Printing Features

- RIP-While-Print®
- Continuous Print
- Reverse Order Printing
- Electronic Collation
- Save Fast Reprint
- Document Full-Screen Preview, Job Merging, and Editing
- Auto Duplexing Support
- Archiving
- Load Balancing
- ImageShift
- Booklet Maker
- Transparency Interleaving
- Slip-Sheeting
- Tray Alignment
- Custom Page Sizes
- PDF Editing with PitStop Software
- E-Mail Job Submission
- PPML Support
- Cover Mode
- Face-Down Delivery
- Mix Media Support

### Networking/Connectivity

- Simultaneous Auto-Switching Protocols:
  - AppleTalk®, TCP/IP, Ethernet and SNAP Frame-types, Novell NDS® compliant
- LDAP Support
- IPv6
- 10/100/1000Base-T Standard Support
- Peer-to-Peer Window Printing
- Automatic IP Configuration
- IPP 1.1 (Internet Print Protocol)
- Port 9100 Support
- Canon NDPS Gateway

### Page Description

- Adobe® PostScript® 3™

### Language/Fonts

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

### Utilities

- JDF Connector
- WebTools™
- Fiery® Scan and Fiery Remote Scan
- Fiery FreeForm™
- Fiery Downloader
- Job Log
- Fiery Driver (with automatic configurator)
- Command WorkStation
- Member Printing
- EFI® Job Monitor

### Security

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

### ColorWise

- Color Rendering Dictionaries
  - Photo
  - Presentation
  - Absolute Colorimetric
  - Relative Colorimetric
- ColorWise Pro Tools
  - FieryPrintCalibrator – Easier Calibration
  - Color Editor – Customizing Curve
  - Profile Manager – Supporting ICC Profiles and Device Links
  - Color Setup – Default A105Color Settings
- Color Charts and Reference Pages
- RGB Separation
- Spot Color Management – PANTONE® Calibrated
- Trapping and Overprinting
- Automatic Black Overprinting
- Independent RGB, PANTONE, and CMYK Control
- Pure Black Text/Graphics
- Gray Component Replacement (GCR) Control
- Spot Color in PDF
- Image Smoothing
- Mac OS X Support

### Graphic Arts Package

- Spot-On®
- Hot Folders
- Auto Trapping
- Multiple Plate Separations
- Halftone Screening
- TIFF/IT Support
- Paper Simulation
- Soft Proofing

### Production Printing Package

- Paper Catalog
- Tab Insert
- MS Office Filters for Hot Folders
- Rush Print
- Print/Process Next
- Schedule Printing
- Suspend on Mismatch
- Quick Doc Merge
- Advanced Job Reorder

### Impose

- Create/Save Imposed Jobs in PDF Format
- New Gang-Up Styles
- User Preference for Default Scaling Factor
- User Preference for PS to PDF Conversion
- Sheet's None-Printable Area Preview
- Delivery Options
- Front/Back Cover Printing Settings
- Mixed Media Definition
- Acrobat® 8.0 Support
- Support for Booklet Maker
- Insert Custom Text for Blank Pages

### Graphic Arts Package, Premium Edition (Optional)

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

### Press Simulation

- Quick Simulation – Adjusts Toner Density
- Full Simulation – Adjusts Toner Density and Hue
- Full Simulation with GCR
- Support for SWOP, Euroscale, DIC Printing Standards and Others through ICC Profiles
- Support for Custom Simulation Targets
- Simulation on a Per-Job Basis

### Calibration

- Calibration with Densitometer
- Calibration with Spectrophotometer
- ColorCal
- Auto Gray

### Memory Management

- ECT Compression

### Optional Hardware/Software

- Advanced Controller Kit
  - Flat-Screen LCD
  - Keyboard and Mouse
- Furniture Stand
- Graphic Arts Package, Premium Edition
- EFI Compose
- Removable Hard Drive

### Power Supply

- Auto-Switching 90-135/180-265 Vac, 47-63Hz
- 6A @ 115 Vac

### Dimension (H x W x D)

- 18.11" x 8.07" x 19.49"  
(460mm x 205mm x 495mm)

### Weight

- 35.5 lb. (16.1kg)

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