

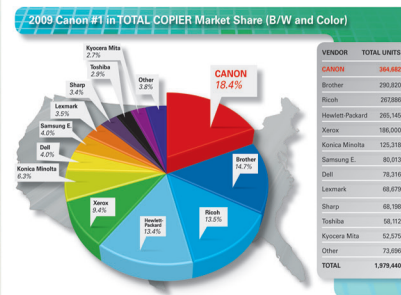
**Canon**

# iPF605

**imagePROGRAF**  
iPF605



**TECHNICAL  
DOCUMENTS**  
LARGE-FORMAT PRINTING



# iPF605

## SPECIFICATIONS



### Print-Head

PF-03

### Technology

FINE (Photolithography Ink-jet Nozzle Engineering)

### Print Resolution (Max.)

2400 x 1200 dpi

### Line Accuracy\*

±0.1% or Less

### Minimum Line Weight\*\*

0.02mm

### Number of Nozzles

Matte Black: 5,120 Nozzles  
Other Colors: 2,560 Nozzles per Color

### Droplet Size

4 Picoliter

### Nozzle Pitch (Head Resolution)

1200 dpi x Two Rows

### Print-Head Swath

1.07 inch

### Ink Type

**Dye:** Cyan (C), Magenta (M), Yellow (Y), Black (B)  
**Pigment:** Matte Black (MBK) — Two Channels

### Ink Tank

PFI-102

### Ink Tank Capacity

130ml per Color

### Number of Colors

5

### Ink Supply Method

Tubing System

### Nozzle Recovery System

Non-firing Nozzle Detection and Compensation

### Printer Controller

L-COA Controller

### Printer Memory

256MB

### Media Feed

Top-loading Manual Feed, Front-loading Manual Feed, Rear-loading Roll Feed

### Media Width

**Roll Feed, Manual Feed:** 8" – 24" (203mm – 610mm)

### Printable Margins

**Roll Feed:** All Sides: 0.12" (3mm) or 0" for Borderless  
**Manual Feed:** Top Load: 3mm All Sides  
Front Load: 3mm All Sides  
Except Bottom (23mm)

### Minimum Printable Media Length

**Roll Feed:** 8.0" (203mm)

**Top-Loading Manual Feed:** 11.0" (279mm)

**Front-Loading Manual Feed:** 20.5" (520mm)

### Maximum Print Length<sup>†</sup>

**Roll Feed:** 59' (18m)

**Manual Feed (Top):** 5.2' (1.6m)

**Manual Feed (Front):** 36.0" (914mm)

### Borderless Printing Widths (Roll Media Only)

10", 13", 14", 16", 17", 24", B4 (10.12"/257mm),  
A2 (16.54"/420mm), B2 (20.28"/515mm),  
A1 (23.38"/594mm)

### Media Cutter

Durable Rotary Blade

### Media Thickness

**Cassette:** 0.08 – 0.3mm (3.2 – 11.8mil)

**Top-Loading Manual Feed:** 0.07 – 0.8mm (2.8 – 31.4mil)

**Front-Loading Manual Feed:** 0.5 – 1.5mm (19.6 – 59.0mil)

**Roll Feed:** 0.07 – 0.8mm (3.2 – 31.4mil)

### Media Core Sizes

2" and 3" Core (2/3 Core Adapter Included)

### Maximum Roll Outer Diameter

5.9" (150mm)

### Printing Software

imagePROGRAF Printer Driver for Windows®/Mac®,  
HDI Driver,<sup>††</sup> Printer Driver Extra Kit for Windows/  
Mac (Free Layout, Color imageRUNNER  
Enlargement Copy, Advanced Preview), Print  
Plug-in for Microsoft® Word/Excel/PowerPoint for  
Windows, Digital Photo Front-Access for Windows,  
PosterArtist Lite for Windows

### Device Status

GARO Status Monitor, Remote UI

### Printer Language

GARO (Canon Proprietary), HP-GL/2, HP RTL

### Operating System

Windows XP (32/64 bit), Server 2003 (32/64 bit),  
Server 2008 (32/64 bit), Windows Vista® (32/64 bit),  
Windows 7 (32/64 bit); Macintosh OS X 10.3.9 -  
10.6 (32 bit), OS X 10.5 - 10.6 (64 bit)

### Interface

**Standard (Built-in):** USB 2.0 Hi-Speed, 10/100Base-T/TX

**Optional:** IEEE1394 (FireWire)

### Acoustic Noise

**Operation:** 49dB (A) or Less

**Standby:** 35dB (A) or Less

**Acoustic Power:** 6.3 Bels or Less

### Power Supply

AC 100–120V (50-60Hz)

### Power Consumption

**Maximum:** 100W or Less

**Standby:** 5W or Less (10W or less when IEEE is mounted)

**Power Off:** 1W or Less (Executive Order Compliant)

### Certifications

UL, FCC Class B, ENERGY STAR®

### Operational Environment

**Temperature:** 59 – 86 F° (15 – 30 C°)

**Relative Humidity:** 10 – 80% (No Condensation)

### Physical Dimensions (H x W x D)

13.6" x 39.3" x 26.4"

39.1" x 39.3" x 34.3" with Optional Stand

### Weight

Approximately 99.2 lb.

Approximately 132.3 lb. with Optional Stand

### Options

Printer Stand ST-25

IEEE1394 Expansion Board (EB-05)

Roll Holder Set (RH2-24)

PosterArtist

### User Replaceable Items

Print-Head (PF-03)

Ink Tanks (PFI-102)

Maintenance Cartridge (MC-16)

### What's In The Box

Printer, User Software CD (Printer Driver, HDI Driver,  
Utilities), Application CDs, 6 Starter Ink Tanks (MBK  
x 2, Cyan, Magenta, Yellow, Black), 2" Core Media  
Spool with 3" Adapter, Print-Head, Maintenance  
Cartridge, Media Cutter, Built-in Ethernet/USB 2.0  
Interface, Quick Setup Guide (Poster), Printer Refer-  
ence Guide (Booklet), PosterArtist Lite, Power Cord,  
One-Year Onsite Warranty, Registration Card

\* After user adjustment and under the same environmental conditions. Applies to media for line drawing only.

\*\* Theoretical value based on data resolution.

\*\*\* The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

† The maximum printable length varies, depending on the application, OS, and RIP used.

†† For AutoCAD or AutoCAD LT 2000/2000i/2002/2004/2005/2006/2007/2008/2009/2010.

‡ Windows 2000/XP/2003 Server and for Macintosh, Auto Layout, and imageRUNNER Linking Function.

▲ For imagePROGRAF Printer Driver. For printing from PostScript® applications such as Adobe® Illustrator® or QuarkXPress®, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with the Canon Alliance and Industry Market program list of RIP vendors located at [www.usa.canon.com/imageprografsolutions](http://www.usa.canon.com/imageprografsolutions).

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