

ApeosPro C810 / C750 / C650 for Photo Specifications

Basic Specifications / Print Function

Item	Description			
	C810	C750	C650	
Type	Console			
Colour Capability	Full colour			
Printing system addressability	2400x2400 dpi			
Continuous Print Speed*1	A4: 81 ppm, A3: 42 ppm	A4: 75 ppm, A3: 37 ppm	A4: 65 ppm, A3: 34 ppm	
Paper Size*2	Tray 1, 2	Standard size: Max A3, 11 x 17"; Min A5 Custom size: Max 330 x 488 mm, Min 100 x 148 mm		
	Tray 3, 4	Standard size: Max A4, Letter, Min JIS B5		
	Bypass Tray (Tray 5) *3	Standard size: Max A3, 11 x 17"; Min A6 Custom size: Max 330 x 1300 mm*4, Min 100 x 148 mm		
Paper Weight*5	Tray 1 to 4	52 to 300 gsm		
	Bypass Tray (Tray 5) *3	52 to 350 gsm*6		
Paper Tray Capacity*7	Standard	520 sheets x 2-tray + 840 sheets + 1230 sheets + Bypass Tray 250 sheets		
	Optional	Multi Sheet Inserter for Banner Print: 250 sheets High Capacity Feeder B1-S: 2000 sheets x 1-tray		
Output Tray Capacity*7 *8	500 sheets			
Power Supply	AC220-240 V +/- 10 %, 10 A, 50/60 Hz common			
Maximum Power Consumption	2.4 kW Sleep Mode: 0.5 W, Low Power Mode: 150 W, Ready Mode: 193 W			
Dimensions*9	W 780 x D 793 x H 1154 mm			
Weight*9	246 kg			

*1: When continuously printing a single document on 52 to 128 gsm, uncoated paper. Print speed may be reduced depending on conditions such as output data, use of auto image quality adjustment, is performed, use of mixed paper sizes / types, switching the feeding tray and use of long paper output.
*2: Image loss width: Lead edge 4.0 mm, Trail edge 4.0 mm, Front 3.0 mm, Rear 3.0 mm.
*3: The optional Multi Sheet Inserter for Banner Print is available for smooth and stable feeding of long paper.
*4: When a standard Bypass Tray or optional Multi Sheet Inserter for Banner Print is connected directly to main unit (including when High Capacity Feeder B1 is connected). Automatic duplex printing support up to 330 x 762 mm.
*5: It is recommended to use our recommended paper. Correct print output may not be possible depending on the requirement.
*6: For Banner Printing, uncoated paper: 52 to 220 gsm, coated paper: 106 to 220 gsm.
*7: 80 gsm paper. *8: When the Catch Tray is installed. *9:When Bypass Tray closed. The output option is not connected.

Print Server [GP Controller D01]

Item	Description
Type	External
CPU	Intel® Core™ i3-8100 Processor (3.60 GHz)
Storage device	Hard disk: 1 TB (System) + 1 TB (Option), DVD Multi drive
Memory capacity	16 GB (Max: 32 GB)
Server Operation System	Windows 10 IoT Enterprise LTSC 2019 (64bit)
Page Description Language	Adobe® PostScript® 3™, PDF/VT-1, PDF/VT-2, PPML, VIPP*1
Print Data Format	PS, PDF2.0, PDF/X-1a, PDF/X-3, PDF/X-4, PDF/X-5, EPS, TIFF, JPEG
Supported Operating System *2	Windows 10 (32 bit / 64 bit), Windows 8.1 (32 bit / 64 bit), Windows Server 2019 (64 bit), Windows Server 2016 (64 bit), Windows Server 2012 R2 (64 bit), Windows Server 2012 (64 bit), macOS 11 / 10.15 / 10.14 / 10.13 / 10.12
Interface	Ethernet: 1000BASE-T / 100BASE-TX / 10BASE-T x 2 USB: USB3.1 x 4 (front side Gen1 x 2, back side Gen2 x 2), USB2.0 x 4 (back side)
Network Protocol	TCP/IP (lpd / FTP / IPP*3 / SMB / JDF / HTTP), Bonjour
Power Supply	AC100-240 V +/- 10 %, 5.0-2.5 A, 50/60 Hz common
Maximum Power Consumption	0.26 kW
Dimensions	W 98 x D 400 x H 340 mm
Weight	7 kg

*1: VIPP stands for Variable Information Production Printware. Used with optional software FreeFlow VI Compose.
*2: Please refer to our official website for the latest supported OS.
*3: Used to work with FreeFlow Digital Workflow Collection.

If the storage media of the base unit fail, loss of received data, accumulated data, registered setting data, etc. may occur. In no event shall the Company be liable for any damages whatsoever arising from loss of data. Functional spare parts will be available for at least 7 years after the product is no longer manufactured.

High Capacity Feeder B1-S (Optional)

Item	Description
Paper Size	Standard size: Max A3, 11 x 17"; Min A6*1 Custom size: Max 330 x 488 mm*2, Min 100 x 148 mm
Paper Weight	52 to 300 gsm
Feeding Capacity / Number of Tray*3	2000 sheets x 1-tray
Power Supply	AC100-120 V +/- 10 %, 2.5 A, AC220-240 V +/- 10 %, 1.5 A, 50/60 Hz common
Maximum Power Consumption	360 W
Dimensions / Weight	W 988 x D 762 x H 992 mm, 160 kg*4

Note: When this option is installed, attach standard Bypass Tray or optional Multi Sheet Inserter for Banner Print to the top of the HighCapacity Feeder.
*1: When setting main scanning 100 to 182 mm paper, Post Card Kit is required.
*2: If you are using paper length 488 mm to 660 mm, optional Multi Sheet Inserter for Banner Print is required. It is recommended to install optional Position Adjuster.
*3: 80 gsm paper. *4: Excluding Bypass Tray.

Catch Tray (Optional)

Item	Description	
	Offset Catch Tray	Long Catch Tray
Paper Size	Standard size: Max A3, 11 x 17"; Min A6 Custom size: Max 330 x 660 mm*1, Min 100 x 148 mm	Standard size: Max A3, 11 x 17"; Min A6 Custom size: Max 330 x 1300 mm, Min 100 x 148 mm
Paper Weight	52 to 350 gsm	
Paper Capacity*2	500 sheets	300 sheets (Paper length up to 488 mm) 100 sheets (Paper length above 488 to 729 mm) 10 sheets (Paper length above 729 to 1300 mm)
Dimensions / Weight	W 423 x D 399 x H 331 mm, 6 kg	W 941 x D 397 x H 495 mm, 5 kg

*1: Paper Capacity is guaranteed up to 488 mm.
*2: 80 gsm paper.

Finisher-C4 / Finisher-C4 with Booklet Maker (Optional)

Item	Description
Type	Output Tray Sort (Offset available) / Stack (Offset available) Finishing Tray Sort (Offset available) / Stack (Offset available)
Paper Size	Output Tray Standard size: Max A3, 11 x 17"; Min A6 Custom size: Max 330 x 1300 mm, Min 100 x 148 mm Finishing Tray Standard size: Max A3, 11 x 17", Min A5 Custom size: Max 330 x 488 mm, Min 203 x 182 mm
Paper Weight	Output Tray 52 to 350 gsm*1 Finishing Tray 52 to 350 gsm*1 Output Tray 500 sheets (A4)
Paper Capacity*2	Finishing Tray [Without Stapling] A4: 3000 sheets, JIS B4 or larger: 1500 sheets, A5: 1000 sheets, Mixed Size Stacking*3: 300 sheets [With Stapling] A4: 200 sets or 3000 sheets, JIS B4 or larger: 100 sets or 1500 sheets, A5: 100 sets or 1000 sheets, Mixed Size Stacking*3: 70 sets or 200 sheets
Staple	Capacity 50 sheets (90 gsm or less)*4 Paper Size*5 Standard size: Max A3, 11 x 17"; Min A5 Paper Weight 52 to 350 gsm Position Single stapling, Dual stapling
Punch	Number of Holes 2-hole / 4-hole punch or 2-hole / 3-hole punch (US Specifications) Paper Size*6 Standard size: Max A3, 11 x 17"; Min A5 Paper Weight 52 to 220 gsm
Dimensions*7 / Weight	W 771 x D 692 x H 1054 mm, 45 kg

Note: Transport Unit VI is required.
*1: 52 to 55 gsm output paper may not be aligned properly depending on the paper type.
*2: 80 gsm paper. *3: When larger size sheets are stacked on top of smaller size sheets.
*4: Up to 65 sheets can be stapled when the Finisher-C Staple Unit 65 Sheets is installed. However, depending on the paper type, incorrect stapling such as uneven edge alignment of sets may occur.
*5: Available staple positions vary depending on the paper size.
*6: Available number of punch holes varies depending on the paper size.
*7: Inner connector within the body is excluded.

Production printer for photo lab

ApeosPro C810 / C750 / C650
for Photo



Print Speed

Colour / Monochrome

81/75/65 ppm (Max)

Printing system addressability

2400 × 2400 dpi

Paper Weight

52 to 350 gsm

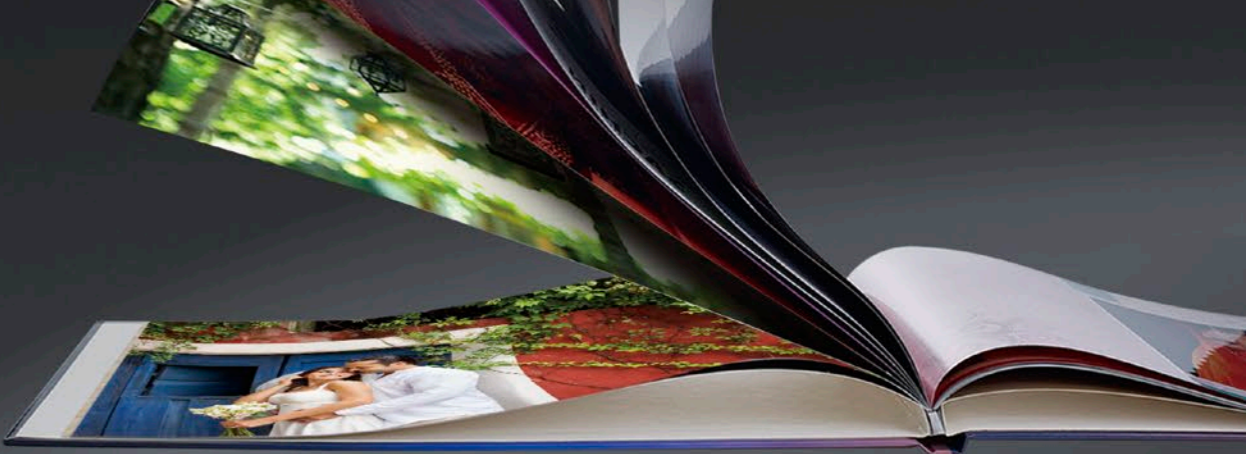
Paper Size

100 × 148 to 330 × 1300 mm



Meet the new ApeosPro for Photo.

ApeosPro for Photo delivers vivid color, high-resolution output, support for a wide range of paper types and combines these with diverse post-processing features to provide large-format photo albums, standard prints and other value-added photo products. The high quality of ApeosPro for Photo meets the strict demands of photo labs to support the future of photo print businesses.



The bookbinding machine is not supplied.
Please prepare it by the customer.



GP Controller D01

High Capacity Feeder B1-S

ApeosPro C810 / C750 / C650
for Photo

Finisher-C4

GP Controller

GP Controller provides even higher image quality and productivity.

- Heavy duty RIP function with high-speed processing for high-quality or variable data print jobs.
- Equipped as a standard with the RIP accelerator board that produces high speed performance beyond the physical specifications of the server.



QUALITY

ApeosPro for Photo Firmware Fine-tuned for Photography

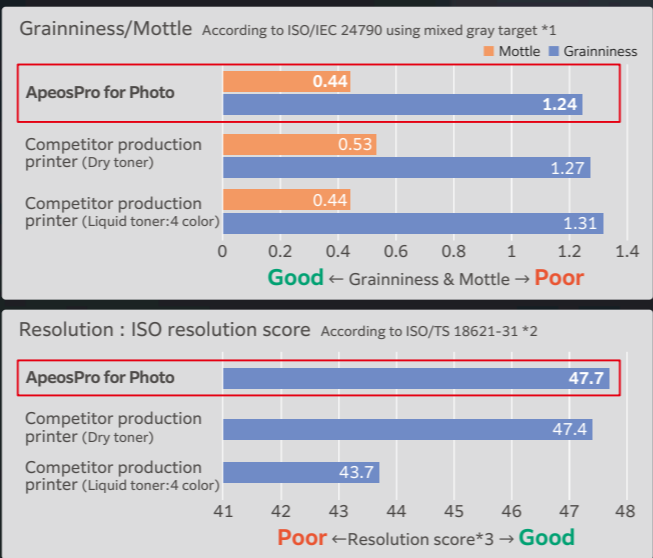
- ApeosPro for Photo has achieved the optimum print quality for photo applications through special image processing that smoothly reproduces skin tone. The high image quality of ApeosPro for Photo is comparable to high-end production printers.

“World’s first” high resolution LED printhead print output

Latest technology to achieve professional quality images and high-definition printing.

- World’s first* LED printhead with 2400 dpi resolution
- Vibrant colors and smooth gradation thanks to the minute toner particles of the Super EA Eco toner
- Crisp reproduction of images with fine lines and tiny text

* Dry-type electrophotographic method. According to our research as of March 2021.



1 Gray patch of CIELAB L=60 was measured.

*2 Procedure for “Process colour evaluation” was applied.
Test pattern “ISO_ConRes20_sRGB” defined in ISO/TS 18621-31 was printed and measured.

*3 Score 100 is ideal reproduction.

VERSATILITY

The ApeosPro for Photo’s exceptional paper-handling capacity means this system can cater to a diverse range of applications.

- Supporting various paper stock to cover the wide range of applications including photo albums, photo prints.
- It supports a wide range of paper sizes, from minimum size of 100.0 mm x 148.0 mm to long paper 330.2 mm x 1300.0 mm.
- By adjusting the force applied to the paper according to the paper thickness, stable paper feed is performed even with cardstock paper, and high registration accuracy is achieved.
- The optimum output conditions for each type of paper, such as transfer conditions, can be registered (maximum: 100) so that high-quality output can be achieved efficiently simply by selecting the paper type.
- Free from volatile solvent for excellent safety and environmental performance.

- By realizing speedy calibration with the scanner built into the printer, it contributes not only to maintaining print quality but also to improving the operating rate of the printer. These functions greatly reduces the load on the photo lab users.

