

Ultra Hi-Definition RX680 Photo All-in-One

Print | Copy | Scan | Photo



**Ultra
Hi-Definition
PRINTS**

For brilliant photos with richness, depth and clarity — right at home.



Features/Benefits

- Automatically correct poorly exposed photos using Auto Photo Correction* with advanced face detection; preview corrections on the LCD before printing
- Increase your productivity with two adjustable paper trays and built-in auto duplexing
- Print 4x6 photos in as fast as 11 seconds and text up to 40 ppm**
- View, select, crop and enlarge photos with the 2.5-inch, color, tilt LCD
- Use the multipurpose card slots to print photos, PC-free, or transfer files to and from your computer
- Print images and text directly onto ink jet printable CDs and DVDs
- Restore old, faded color photos without a computer
- Easily scan documents to PDFs for e-mailing or archiving
- Replace only the color that you need with six individual ink cartridges



Ordering Information

Product Name	Product Code	UPC
Epson Stylus® Photo RX680	C11C686201	0 10343 86613 3
Epson Stylus Photo RX680 (Canada)	C11C686202	0 10343 86614 0
78 Black ink cartridge	T078120	0 10343 86069 8
78 Cyan ink cartridge	T078220	0 10343 86070 4
78 Magenta ink cartridge	T078320	0 10343 86071 1
78 Yellow ink cartridge	T078420	0 10343 86072 8
78 Light Cyan ink cartridge	T078520	0 10343 86073 5
78 Light Magenta ink cartridge	T078620	0 10343 86074 2
78 Multi-pack (5 colors)	T078920	0 10343 86239 5
77 High-capacity multi-pack (5 colors)	T077920	0 10343 86654 6

Trust your photos to Epson — the overwhelming brand of choice among professional photographers.

Epson RX680 Ultra Hi-Definition Photo All-in-One Specifications

Printer Specifications

Printing Technology

Advanced MicroPiezo® 6-color ink jet printing with DX5™ technology

Ink Palette

Black, Cyan, Light Cyan, Magenta, Light Magenta and Yellow

Ink Cartridge Configuration

6 individual ink cartridges

Ink Type

Claria™ Hi-Definition Ink (smudge, scratch, water and fade resistant photos)

Light Resistance/Print Longevity***

Up to 200-year album storage

Minimum Ink Droplet Size

1.5 picoliters

Maximum Print Resolution

5760 x 1440 optimized dpi

Print and Copy Speeds**

Print Speed

Black text up to 40 ppm
Color text up to 40 ppm
4" x 6" photo in as fast as 11 seconds

Copy Speed

Black up to 40 cpm
Color up to 40 cpm

Scanner Specifications

Scanner Type

Color flatbed (CIS line sensor)

Optical Resolution

1200 dpi

Maximum Resolution

9600 x 9600 dpi interpolated

Scanner Bit Depth

48-bit color

Standalone Color Copier Specifications

Copy Modes

Color, Black/White
Photo, Text, Graphics

Copy Quantity

Up to 99 copies (PC-free)

Maximum Copy Size

8.5" x 11" (PC-free)

Copy Features

Auto background removal for text, fit to page, reduction and enlargement (25 – 400%), photo reprints and enlargements, color restoration of old, faded photos, copy onto CDs/DVDs, double-sided copies, scan to memory card or USB flash drive, scan to PDF

Special Features

Auto duplexing
2 input paper trays (rear and front), fully adjustable

PC-free Print Features

Auto Photo Correction*
Select and print photos
Crop, rotate and enlarge
Print-by-date
Photo index sheet
Photo greeting cards
Print movie clips

Layouts

Borderless, classic borders, wallet, passport, 2-up, 4-up, 8-up, 20-up, 80-up, picture packages

Color Display

2.5", tilt LCD

Direct CD/DVD Printing

Ink jet printable CDs and DVDs

Compatible Memory Cards

Microdrive®, CompactFlash®, Memory Stick®, MagicGate™ Memory Stick¹, MagicGate Memory Stick Duo™¹, Memory Stick PRO™, Memory Stick PRO Duo™¹, Memory Stick Micro™, Memory Stick Duo™¹, Secure Digital (SD™), SDHC™ mini SD™¹, Mini SDHC™¹, MultiMediaCard™, micro SD™¹, micro SDHC™¹, xD-Picture Card™ Type-M, xD-Picture Card Type-H, xD-Picture Card

Direct Camera Connection

PictBridge® port (cameras/phones)
DPOF

Supported Digital Camera Technologies

Epson PRINT Image Matching®, Exif Print

Image Enhancement Technologies

Auto Photo Correction* with advanced face detection — preview on LCD, red-eye removal

PC-free Media Support

Plain (8.5" x 11")
Photo (4" x 6", 5" x 7", 8" x 10", 8.5" x 11")
Ink jet printable CDs and DVDs

Paper Handling

Maximum Paper Size

8.5" x 44"

Paper Sizes

8.5" x 11", 8.5" x 14", A4, B5, A5, A6, half letter, executive, user definable (3.5" – 44" in length)

Borderless Photo Sizes²

4" x 6", 5" x 7", 8" x 10", 8.5" x 11", 16:9 wide

Paper Types

Supports plain paper, Epson Premium Bright White Paper, Photo Paper Glossy, Premium Photo Paper Glossy, Ultra Premium Photo Paper Glossy, Premium Photo Paper Luster, Premium Photo Paper Semi-gloss, Presentation Paper Matte, Premium Presentation Paper Matte and Matte Scrapbook Paper (letter)

Envelope Types

No. 10, DL, C6; plain paper, bond paper, air mail

Input Paper Capacity

Front tray: 120 sheets plain paper
Rear tray: 150 sheets plain paper

Ink Cartridges

Recommended Ink Cartridges³

77 / 78 Black
77 / 78 Cyan
77 / 78 Magenta
77 / 78 Yellow
77 / 78 Light Cyan
77 / 78 Light Magenta

Hardware and Software Details

Weight and Dimensions (W x D x H)

Weight: 27.6 lb
Printing: 17.6" x 25.5" x 13" (with duplexer)
Storage: 17.6" x 19.9" x 9.3" (with duplexer)

Case Color

Black

Connectivity

Hi-Speed USB 2.0, Bluetooth® compatible

Operating Systems⁴

Windows Vista™, XP Professional x64, XP, 2000
Mac OS® X 10.2.8, 10.3.9–10.4.x or later (PowerPC® or Intel® processor)

Software Included⁴

Epson printer driver, Epson Print CD, Web to Page, Epson Scan, ArcSoft® PhotoImpression™

Color Management

PhotoEnhance® and ICM

Sound Level

45 dB per ISO 7779

Environmental Conditions

Temperature

Operating: 50° to 95°F (10° to 35°C)
Storage: 4° to 140°F (-20° to 60°C)

Relative Humidity

Operating: 20 – 80%
Storage: 5 – 85% (no condensation)

Safety Approvals

Safety standards UL60950, CSA C22.2 No. 60950
EMI FCC Part 15 subpart B class B,
CAN/CSA-CEI/IEC CISPR 22 class B

Power Requirements

Rated voltage: 100 – 120 VAC
Rated frequency: 50 – 60 Hz
Rated current: 0.6 Amp

Power Consumption

Approx. 20 W ISO 10561
Approx. 3 W (Sleep Mode)
Approx. 0.3 W (Power Off Mode)
ENERGY STAR compliant

Warranty

One-year limited in the U.S. and Canada

Options

Bluetooth photo print adapter

* Available on Windows® and Mac OS X 10.5 or later. See www.apple.com for Mac OS X 10.5 release date.

** Pages/copies per minute (ppm/cpm) speed measured after first page, based on black and color text patterns in Draft Mode on plain paper. Color photo in Draft Mode on Premium Photo Paper Glossy measured from start of paper feed. Additional print time will vary based on system configuration, software application and page complexity. See www.epson.com/printspeed for more information about speeds.

*** Ink lightfastness ratings based on accelerated testing of prints on specialty media, stored in an album. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity and atmospheric conditions. Epson does not guarantee the longevity of prints. For maximum print life, display all prints under glass or properly store them. Visit www.wilhelm-research.com for the latest information.

¹ Adapter required

² Not all sizes available in all finishes

³ We recommend that you use genuine Epson ink cartridges. The use of other products may affect your print quality and longevity and could result in all-in-one damage. Yields vary considerably based on images printed, print settings, paper type, frequency of use and temperature. For print quality, a small amount of ink remains in the cartridge after the "Replace cartridge" indicator comes on. See www.epson.com/cartridgeinfo for more information about cartridges.

⁴ See www.epson.com/support for the latest compatibility and drivers.

Packaging Specifications

Epson Stylus Photo RX680

Single Carton Dimensions 22.3" x 20.7" x 12.4" (W x D x H)

Single Carton Weight 26.5 lb

Pallet 45.7" x 42.3" x 79.8" (W x D x H)

Number of Units Per Pallet 24

Black Ink Cartridges

Single Carton Dimensions 4.4" x 0.8" x 4.5" (W x D x H)

Single Carton Weight 0.09 lb

Master Carton Dimensions 9.2" x 7.5" x 7.5" (W x D x H)

Master Carton Weight 3.5 lb

Color Ink Cartridges

Single Carton Dimensions 4.4" x 0.8" x 4.5" (W x D x H)

Single Carton Weight 0.09 lb

Master Carton Dimensions 9.2" x 7.5" x 7.5" (W x D x H)

Master Carton Weight 3.5 lb



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