

# Expression<sup>®</sup> Premium XP-820 Small-in-One<sup>®</sup> Printer

WIRELESS | PRINT | COPY | SCAN | FAX | PHOTO | ETHERNET



All-in-One

Expression Premium

## The versatile, wireless<sup>1</sup> all-in-one for unbeatable photo quality<sup>2</sup>.

**Consumer-rated unbeatable photo quality<sup>2</sup>** — vivid, bright photos and sharp text from an ultra powerful, ultra slim Small-in-One

**Full-featured** — 30-page Auto Document Feeder; auto 2-sided print/copy/scan/color fax; auto extend output tray

**Create** — rear paper feed accommodates specialty paper<sup>3</sup>, plus dedicated photo and CD/DVD trays

**Lab quality** — smudge, scratch, water and fade resistant<sup>4</sup> borderless photos up to 8" x 10"

**Ultimate wireless** — easily print from iPad<sup>®</sup>, iPhone<sup>®</sup>, tablets and smartphones<sup>5</sup>; includes Wi-Fi Direct<sup>®1</sup>

**Fast** — 4" x 6" photos in as fast as 12 seconds<sup>6</sup>

**Easy** — 4.3" intuitive touchscreen with gesture navigation

**Share** — scan to Facebook<sup>®</sup> and the cloud for easy photo sharing<sup>7</sup>

**PC-free printing** — easy photo printing with built-in USB and memory card slots<sup>8</sup>, plus lined paper and calendar templates

**Brilliant** — Auto Photo Correction and red-eye removal



## The versatile, wireless<sup>1</sup> all-in-one for unbeatable photo quality<sup>2</sup>.

The Expression Premium XP-820 Small-in-One delivers unbeatable photo quality<sup>2</sup> for vivid, smudge resistant photos<sup>4</sup> up to 8" x 10", plus high-quality CD/DVDs. Do more with the 30-page Auto Document Feeder and auto 2-sided printing, copying, scanning and faxing. Plus, it prints 4" x 6" photos in as fast as 12 seconds<sup>6</sup>. A dedicated photo tray and specialty paper support offer easy printing for photos, envelopes and more. This ultra slim all-in-one features the ultimate connectivity. Print from smartphones and tablets<sup>5</sup>, or scan photos to Facebook or the cloud<sup>7</sup>. Breeze through any task with the 4.3" touchscreen, featuring gesture navigation.

### Consumer-rated unbeatable photo quality<sup>2</sup>

Validated through independent testing, this printer offers consumer-rated unbeatable photo quality when compared to leading photo all-in-one printers. Print and display lab-quality, borderless photos — 4" x 6", 5" x 7" and 8" x 10" — anytime.



30-page Duplex Auto Document Feeder

### Ultra powerful performance, ultra slim design

Get the best of both worlds: powerful performance and a sleek, compact design. This versatile Small-in-One printer gives you all the tools you need for photos, documents and more, while saving valuable space on your desk. It even includes built-in templates for lined paper and calendars.

### Save time with auto 2-sided print/copy/scan/color fax

Quickly scan or fax stacks of 2-sided originals at one time with the 30-page duplex Auto Document Feeder. You can even scan to email. This printer handles it all, plus 2-sided printing and copying.

## The ultimate in wireless<sup>1</sup> and network printing.

### Simple wireless connectivity<sup>1</sup>

Connect to your wireless network in a snap — the popular wireless standard, 802.11n, is supported. Your printer also includes Wi-Fi Direct, which means no router is required<sup>1</sup>. And, you can connect up to four devices at once.

### Wired networking

Built-in Ethernet makes sharing the printer on your network quick and easy.

### Productivity anytime, anywhere<sup>5</sup>

Easily print from your tablet or smartphone using Epson Connect™<sup>5</sup>. Supports Android™, Apple® iPad and iPhone, Chromebook™, Kindle Fire™, Mac® and Windows® devices. Wirelessly print documents, photos, emails and web pages whether at home or on the go. You can also scan documents and save them to the cloud<sup>7</sup> for easy access and collaboration.



## Easy to print.



Dedicated photo tray



Easy menu navigation

### Print from your iPad or iPhone

Apple® AirPrint™ makes it simple to print photos, emails, web pages and documents straight from your iPad or iPhone. There's no software to download, no drivers to install and no cables to connect. Your Apple® iOS® device will automatically connect to the printer.

### Share your Google® content

Print on the go from a smartphone or tablet using Google Cloud Print™ with your Gmail™ or Google Drive™ account. Plus, print from your Chromebook and Google Chrome™ without installing drivers or connecting cables. It's now even easier to share your Google content from anywhere.

### Innovative features for easy, hassle-free printing

Your printer is always ready for any task thanks to its dedicated photo tray — there's no need to switch to photo paper. And, there's an innovative, auto-extend/retract output tray. Just click "Print" and the paper tray comes out on its own. There's no need to pull it out every time you print.

### Intuitive 4.3" LCD with gesture navigation

Navigating the printer menu is easier than ever with an intuitive 4.3" color touchscreen — a simple finger swipe is all it takes. Preview, edit and print photos — all without your computer — using the built-in USB and memory card slots<sup>8</sup>. It's all right at your fingertips.

## Easy to share.



Easy creative projects

### Creative projects made easy

Create elegant note paper or invitations in a snap — whatever you need to make special occasions even more memorable. Use the rear paper feed for specialty paper<sup>3</sup> such as card stock, envelopes, labels and more. Or, create customized CDs/DVDs with direct CD/DVD printing.

### Scan and share instantly

Share special moments instantly. Dig those photos out of your shoeboxes and scan them to Facebook quickly and easily<sup>7</sup>. Or, scan important documents and send them to popular cloud services<sup>7</sup>. Just install the included software on your PC and you're ready to get started.



### Worry-free handling

Get professional-quality photos that are smudge, scratch, water and fade resistant<sup>4</sup>. Share photos or archive important documents right after printing.



**Print**

**Printing Technology** Five ink cartridges (CMYK, Photo Black), drop-on demand MicroPiezo<sup>®</sup> inkjet technology

**Printer Language** Epson ESC/P<sup>®</sup> Raster, ESC/P-R

**Maximum Print Resolution** 5760 x 1440 optimized dpi

**Maximum Photo Print Speeds**<sup>†</sup> 4" x 6" borderless photo in as fast as 12 sec (Draft Mode)

**ISO Print Speed**<sup>†</sup> Black 14 ISO ppm | Color 11 ISO ppm

**Two-sided ISO Print Speed**<sup>†</sup> Black 5.4 ISO ppm | Color 5.0 ISO ppm

**PC-free Printing** Auto Photo Correction, select and print photos, crop, rotate and enlarge, view and print-by-date, print your own picture packages, print passport and photo ID, select multiple photos to print on a single page, print your own school papers, college-ruled, wide-ruled and graph paper, make personalized notepaper using your own photos, photo greeting cards and coloring book pages

**Minimum Ink Droplet Size** 5 ink droplet sizes, as small as 1.5 picoliters

**Copy**

**ISO Copy Speed**<sup>††</sup> Black 11 ISO cpm | Color 8.1 ISO cpm

**Copy Modes** Color, Black/White, Text, Text and Image, Photo

**Copy Quantity** 1 – 99 copies (PC-free)

**Maximum Copy Size** 8.5" x 14" (Legal) with Auto Document Feeder

**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, scan photos and convert to coloring book pages, make photo greeting cards (PC-free), copy onto CDs/DVDs, scan to memory card or USB flash drive, scan to PDF, scan to PC – USB and network, 2-sided copies with duplexer

**Scan**

**Scanner Type** Color flatbed (CIS line sensor/Automatic 2-sided ADF)

**Maximum Hardware Resolution** 4800 dpi

**Maximum Resolution** 9600 x 9600 dpi interpolated

**Scanner Bit Depth**

Input: 48-bit color / 16-bit Grayscale & Black/White

Output: 24-bit color / 8-bit Grayscale & Black/White

**Layouts** Borderless, classic borders, picture packages, photo ID, 2-up, 4-up, 8-up, 20-up, jewel index, jewel, upper 1/2, lower 1/2, CD layouts (single, quarter, variety)

**Fax**

**Fax Capabilities** Memory: Up to 180 pages, Speed dials: 100 (max.), Fax from the control panel or send a fax from the PC<sup>‡</sup>

**Fax Specifications** Black-and-white and color, Modem: 33.6 Kbps — as fast as 3 sec per page

**Connectivity**

**Standard Connectivity** Hi-Speed USB, Wireless 802.11 b/g/n<sup>1</sup>, Wi-Fi Direct<sup>1</sup>

Ethernet (10/100/1000) Mbps

**Memory Card Slots/Compatibility**<sup>®</sup> SD/SDHC/SDXC, MS Duo, CF

**Direct Camera Connection** PictBridge<sup>®</sup> port (cameras)

**Supported Digital Camera Technologies** Exif Print

**Operating Systems** Windows 8 (32-bit, 64-bit),

Windows 7 (32-bit, 64-bit), Windows Vista<sup>®</sup> (32-bit, 64-bit),

Windows XP<sup>®</sup> SP3 (32-bit), Windows XP Professional x64 Edition,

Mac OS<sup>®</sup> X 10.6.8 – 10.9.x<sup>10</sup>

**Mobile Printing**

**Epson Connect**<sup>®</sup> Epson Email Print, Epson iPrint<sup>™</sup> Mobile App, Epson Remote Print

**Other**<sup>®</sup> Apple AirPrint, Google Cloud Print, Scan to Cloud

**Paper Handling**

**PC-free Paper Support** Plain (8.5" x 11", A4), Photo (4" x 6", 5" x 7", 8" x 10", 8.5" x 11", A4, 16:9 wide), Inkjet-printable CDs/DVDs

**Paper Sizes** 3.5" x 5", 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", 8.5" x 14", A4, B5, A5, A6, half letter, executive

**Borderless Photo Sizes** 3.5" x 5", 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", 16:9 wide

**Paper Types** Supports plain paper, Epson Bright White Paper, Iron-on Cool Peel Transfer, Photo Quality Self-Adhesive Sheets, Photo Paper Glossy, Premium Photo Paper Glossy, Ultra Premium Photo Paper Glossy, Premium Photo Paper Semi-gloss, Ultra Premium Photo Paper Luster, Presentation Paper Matte, Premium Presentation Paper Matte, Ultra Premium Presentation Paper Matte, Ultra Premium Presentation Paper Matte Double-sided and Brochure & Flyer Paper Matte Double-sided

**Envelope Types** No. 10

**Input Paper Capacity** Paper Tray: 100 sheets plain paper

**Output Paper Capacity** 30 sheets plain paper

**Dedicated Photo Tray Capacity** 20 sheets Premium Photo Paper Glossy

**Direct CD/DVD Printing** Inkjet-printable CDs and DVDs

**Auto Doc Feeder Capacity** 30 sheets plain paper

**General**

**Case Color** Black and blue

**Color Display** 4.3" touchscreen with gesture navigation

**Color Management** Auto Photo Correction and ICM

**Image Enhancement Technologies** Auto Photo Correction with advanced face detection, preview on LCD, red-eye removal and photo restoration

**Temperature**

Operating: 50 ° to 95 °F (10 ° to 35 °C),

Storage: -4 ° to 104 °F (-20 ° to 40 °C) [one month at 40 °C]

**Relative Humidity**

Operating: 20 – 80%

Storage: 5 – 85% (no condensation)

**Sound Level** 43 dB(A)

**General (continued)**

**Power Requirements**

Rated voltage: 100 – 120 VAC

Rated frequency: 50 – 60 Hz

Rated current: 0.7 Amp

**Power Consumption**

Approx. 13 W ISO 24712 (Standalone Copy Printing)

Approx. 0.3 W (Power Off Mode)

**Safety Approvals**

Safety standards UL60950-1-CAN/CSA-22.2

No. 60950-1

EMI FCC Part 15 subpart B class B,

CAN/CSA-CEI/IEC CISPR 22 class B

**Weight and Dimensions (W x D x H)**

Printing: 17.2" x 23.5" x 8.1"

Storage: 15.4" x 13.3" x 7.5"

Weight: 21.5 lb

**What's in the Box** Expression Premium XP-820 color inkjet printer, setup and instruction manuals, CD-ROM containing software and drivers (Windows and Mac<sup>™</sup>), power cord, five Claria<sup>®</sup> Premium ink cartridges: one 273 Black ink cartridge; three 273 color ink cartridges: Cyan, Magenta & Yellow; one 273 Photo Black ink cartridge

**Software Included** Epson printer drivers, Epson Print CD, Epson Scan, Epson Easy Photo Scan, User Guide, PC-Fax<sup>®</sup> (Internet connection required for installation of some software.)

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

**Country of Origin** Indonesia

**Ink**

**Ink Type** Claria Premium Ink

(smudge, scratch, water and fade resistant photos)<sup>4</sup>

**Ink Palette** Black, Cyan, Magenta, Yellow and Photo Black

**Ink Cartridge Configuration** Five individual ink cartridges

**Fade Resistance/Print Longevity**<sup>11</sup> Up to 200-year album storage

**Replacement Ink Cartridges**<sup>12</sup>

273 Standard-capacity Black, Cyan, Magenta, Yellow, Photo Black

(Yields, ISO pages – Black: 250, Color: 300, Photo Black<sup>\*</sup>)

273XL High-capacity Black, Cyan, Magenta, Yellow, Photo Black

(Yields, ISO pages – Black: 500, Color: 650, Photo Black<sup>\*</sup>)

<sup>\*</sup>For additional information including photo and supplemental

yields, visit [www.epson.com/cartridgeinfo](http://www.epson.com/cartridgeinfo)

**Eco Features**

- Save up to 50% of your paper supply with automatic, 2-sided printing
- Supports printing on recycled paper
- Recyclable product<sup>13</sup>
- ENERGY STAR<sup>®</sup> qualified
- RoHS compliant
- Epson America, Inc. is a SmartWay<sup>SM</sup> Transport Partner<sup>14</sup>

**Ordering Information**

**Product Name**

Expression Premium XP-820

**Product Code**

C11CD99201

<sup>†</sup> Black and color print speeds are measured in accordance with ISO/IEC 24734. Actual print times will vary based on system configuration, software, and page complexity. For more information, visit [www.epson.com/printspeed](http://www.epson.com/printspeed) | <sup>††</sup> Black and color copy speeds are determined in accordance with ISO/IEC 29183. Actual copy times will vary based on system configuration and page complexity. For more information, visit [www.epson.com/copyspeed](http://www.epson.com/copyspeed) | <sup>1</sup> Wi-Fi CERTIFIED<sup>™</sup>; level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | <sup>2</sup> Unbeatable photo quality when compared to leading photo all-in-one printers as of February 2013, validated through independent testing. | <sup>3</sup> Specialty paper support accommodated through rear paper feed, maximum 23 mil paper thickness, manual 2-sided printing only. | <sup>4</sup> Smudge, scratch, water and fade resistant on Epson photo papers. For CDs/DVDs, resistant only on specially-treated discs. | <sup>5</sup> Most features require an Internet connection to the printer, as well as an Internet- and/or email-enabled device. For a list of Epson Connect enabled printers and compatible devices and apps, visit [www.epson.com/connect](http://www.epson.com/connect) | <sup>6</sup> Color photo in Draft Mode on Premium Photo Paper Glossy measured from start of paper feed. Actual print times will vary based on system configuration, software, and page complexity. For more information, visit [www.epson.com/printspeed](http://www.epson.com/printspeed) | <sup>7</sup> Requires Easy Photo Scan software (included). Mac version may require software download. | <sup>8</sup> Adapter may be required. | <sup>9</sup> For sending and receiving faxes. | <sup>10</sup> Some applications and/or functions may not be supported under Mac OS X. | <sup>11</sup> Display permanence based on accelerated testing of prints displayed under glass in indoor display conditions; album permanence based on accelerated testing of prints in dark storage conditions. Actual print stability will vary according to media, printed image, display conditions, light intensity, temperature, humidity and atmospheric conditions. Epson does not guarantee the longevity of prints. For maximum print life, display all prints under glass or UV filter or properly store them. | <sup>12</sup> Replacement cartridge yields are based on ISO/IEC 24711 tests in default mode printing continuously. Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink color. All ink colors are used for printing and all-in-one maintenance, and all colors have to be installed for printing. For print quality, part of the ink from the included cartridges is used for printer startup and a variable amount of ink remains in the cartridges after the "replace cartridge" signal. For details, see [www.epson.com/cartridgeinfo](http://www.epson.com/cartridgeinfo) | <sup>13</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>14</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

**Better Products for a Better Future**<sup>™</sup>  
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