EPSON®
EXCEED YOUR VISION

SPECIFICATION SHEET

All-in-One

Expression Premium

Expression® Premium XP-820
Small-in-One® Printer

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

The versatile, wireless[1] all-in-one for unbeatable photo quality[2].

Consumer-rated unbeatable photo quality[2] — 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[3], plus dedicated photo and CD/DVD trays

Lab quality — smudge, scratch, water and fade resistant[4] borderless photos up to 8" x 10"

Ultimate wireless — easily print from iPad®, iPhone®, tablets and smartphones[5]; includes Wi-Fi Direct®[1]

Fast — 4" x 6" photos in as fast as 12 seconds[6]

Easy — 4.3" intuitive touchscreen with gesture navigation

Share — scan to Facebook® and the cloud for easy photo sharing[7]

PC-free printing — easy photo printing with built-in USB and memory card slots[8], plus lined paper and calendar templates

Brilliant — Auto Photo Correction and red-eye removal

Unbeatable Photo Quality[2]
Consumer Rated

Claria® Premium Ink

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BUILT TO PERFORM™

The versatile, wireless[1] all-in-one for unbeatable photo quality[2].

The Expression Premium XP-820 Small-in-One delivers unbeatable photo quality[2] for vivid, smudge resistant photos[4] 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[6]. 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[5], or scan photos to Facebook or the cloud[7]. Breeze through any task with the 4.3" touchscreen, featuring gesture navigation.

Consumer-rated unbeatable photo quality[2]
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.

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.

30-page Duplex Auto Document Feeder

The ultimate in wireless[1] and network printing.

Simple wireless connectivity[1]
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[1]. 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[5]
Easily print from your tablet or smartphone using Epson Connect™[5]. 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[7] for easy access and collaboration.

Epson®

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[8]. 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[3] 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[7]. Or, scan important documents and send them to popular cloud services[7]. 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[4]. Share photos or archive important documents right after printing.

Epson

Print

Printing Technology Five ink cartridges (CMYK, Photo Black), drop-on demand MicroPiezo® inkjet technology

Printer Language Epson ESC/P® Raster, ESC/P-R

Maximum Print Resolution 5760 x 1440 optimized dpi

Maximum Photo Print Speeds[6] 4" x 6" borderless photo in as fast as 12 sec (Draft Mode)

ISO Print Speed[†] Black 14 ISO ppm I Color 11 ISO ppm

Two-sided ISO Print Speed[†] Black 5.4 ISO ppm I 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[††] Black 11 ISO cpm I 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[9]

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[1], Wi-Fi Direct[1]
Ethernet (10/100/1000) Mbps

Memory Card Slots/Compatibility[8] SD/SDHC/SDXC, MS Duo, CF

Direct Camera Connection PictBridge® port (cameras)

Supported Digital Camera Technologies Exif Print

Operating Systems Windows 8 (32-bit, 64-bit), Windows 7 (32-bit, 64-bit), Windows Vista® (32-bit, 64-bit), Windows XP® SP3 (32-bit), Windows XP Professional x64 Edition, Mac OS® X 10.6.8 – 10.9.x[10]

Mobile Printing

Epson Connect[5] Epson Email Print, Epson iPrint™ Mobile App, Epson Remote Print

Other[5] 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[10]), power cord, five Claria® 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[9] (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)[4]

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

Ink Cartridge Configuration Five individual ink cartridges

Fade Resistance/Print Longevity[11] Up to 200-year album storage

Replacement Ink Cartridges[12]
273 Standard-capacity Black, Cyan, Magenta, Yellow, Photo Black
(Yields, ISO pages – Black: 250, Color: 300, Photo Black*)
273XL High-capacity Black, Cyan, Magenta, Yellow, Photo Black
(Yields, ISO pages – Black: 500, Color: 650, Photo Black*)
*For additional information including photo and supplemental yields, visit 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[13]
- ENERGY STAR® qualified
- RoHS compliant
- Epson America, Inc. is a SmartWay[SM] Transport Partner[14]

Ordering Information

Product Name	Product Code
Expression Premium XP-820	C11CD99201

Better Products for a Better Future™
eco.epson.com

SmartWay[SM]
Transport Partner
Getting There With Cleaner Air

Epson America, Inc.
3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3

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