

WorkForce® Pro WF-7820 Printer

Wireless | Wide-format | Print | Copy | Scan | Fax | Ethernet



All-in-One

Business

Streamline workflow with this ultra productive, wide-format all-in-one printer.

High-speed wide-format printing up to 13" x 19" — PrecisionCore Heat-Free Technology™ delivers high-speed prints, with 25 black/12 color ISO ppm† and fast first-page-out

High-precision printing — accurate dot placement and DURABrite® Ultra instant-dry pigment inks for professional-quality prints

High-volume reliability for heavy workloads — innovative heat-free technology designed for reliability and reduced downtime

Complete duplex solution — auto 2-sided print, copy, scan and fax; plus 50-sheet ADF

Maximize efficiency — with large, 250-sheet paper capacity

Easy to use — 4.3" color touchscreen for quick navigation and control, plus all-new Epson Smart Panel App¹ for enhanced connectivity and productivity from your mobile device

Convenient, wireless setup — using a smartphone or mobile device² with Bluetooth® Low Energy (BLE); also includes built-in wireless, Wi-Fi Direct®³ and Ethernet networking

Seamless scanning — Epson ScanSmart supports easy scanning and editing with a user-friendly interface

Comprehensive security features — including secure wireless and Secure Data Erase

Low energy consumption⁴ — with PrecisionCore Heat-Free Technology

Designed for use exclusively with Epson® ink cartridges.*

Print

Printing Technology PrecisionCore Heat-Free Technology (MicroTFP2)
Printer Language(s) Epson ESC/P® Raster, ESC/P-R
Maximum Print Resolution 4800 x 2400 dpi
Print Speed* 25 ISO ppm (black), 12 ISO ppm (color)
2-Sided Print Speed* 16 ISO ppm (black), 9 ISO ppm (color)
Min. Ink Droplet Size 3.8 picoliters
Duty Cycle* Up to 50,000 pages (recommended monthly page volume: up to 2,500 pages)

Mobile Printing and Scanning*

Epson Connect™ Solutions Epson Email Print, Epson Remote Print, Epson Smart Panel App (iOS, Android), Epson iPrint™ App (iOS®, Android™), Creative Print App (iOS, Android)
Other Apple® AirPrint®, Android printing, Mopria® Print Service

Copy

Copy Speed Flatbed** 23 ISO ipm (black), 10 ISO ipm (color)
Copy Quality Text / Text and Image / Text and Image (Best) / Photo
Copy Quantity 1-999 pages
Maximum Copy Size 11" x 17" (A3)
Copy Features Automatic 2-sided, Preview, ID Copy, Collate, Reduction/Enlargement (25-400%), Adjustable Copy Density

Scan

Scanner Type Color flatbed / Automatic 2-sided ADF
Photoelectric Device CIS Sensor
Optical Resolution 1200 dpi
Hardware Resolution 1200 x 2400 dpi
Maximum Resolution 9600 dpi interpolated
Scanner Bit Depth 48-bit color input, 24-bit color output
Scan Bed Size 11.7" x 17" max
Auto Document Feeder 50 sheets
Max. Scan Size (ADF) 11" x 17" / A3
Scan Features Automatic 2-sided Scan, Scan to PC, Scan to Cloud®, Scan to Email, Scan to Network Folder, Scan to FTP, Scan to Memory Device, Scan to ScanSmart, Remove Shadow/Punch Holes
Scan File Formats PDF, JPEG, TIFF, Multi-TIFF, BMP (Win), PNG

Fax

Black-and-white and color capable
Modem 33.6 Kbps
Memory Receive memory 6 MB, Page memory 550 pages
Speed Dials 200 (max.)
PC-Fax Send/Receive/Fax to Email/Fax to Folder

Auto Document Feeder

50 sheets, 2-sided, 11" x 17" / A3 max. size

Connectivity

Standard Connectivity
Hi-Speed USB
Wireless (802.11 b/g/n/a/ac), Wi-Fi®
Wi-Fi Direct®
Ethernet (10/100 Mbps)

Operating Systems

Windows® 10, Windows 8, 8.1 (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 SP2, Windows Server® 2003 SP2* – Windows Server 2019*
Mac® OS X® 10.6.8 – macOS® 10.15.x*

Paper Handling

Maximum Paper Size 13" x 19" (A3+)
Paper Sizes 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", 8.5" x 14", 11" x 17", 13" x 19", A4, A6, Half Letter, Executive, User-definable (5" – 47.2" in length)
Borderless Photo Sizes Up to A3 (11" x 17")
Paper Types Plain Paper, Bright White Paper, Multi-Purpose Plus, Premium Presentation Paper Matte, Presentation Paper Matte, Ultra-Premium Photo Paper Glossy, Premium Photo Paper Glossy, Premium Photo Paper Semi-Gloss, Photo Paper Glossy, Card Stock, Envelope
Envelope Types No. 10
PC-free Paper Support A6, A4, A3, SuperB, 4" x 6", 5" x 7", 8" x 10", #10, Half Letter, Executive, Oficio 9, Letter, 8.5" x 13", Mexico-Oficio, Legal, 11" x 17"
Input Paper Capacity 250-sheet trays plain paper up to 80 g/m², 10 envelopes, 50 sheets photo paper

General

Display 4.3" LCD touchscreen
Temperature
Operating: 50 ° to 95 °F (10 ° to 35 °C)
Storage: -4 ° to 104 °F (-20 ° to 40 °C)
Relative Humidity
Operating: 20 – 80%
Storage: 5 – 85% (no condensation)
Sound Level
Power 6.3 B(A)
Pressure 48 dB(A)
Rated Voltage AC 100 – 120 V
Rated Frequency 50 – 60 Hz
Rated Current 0.6 A
Power Consumption ISO/IEC 24712 Pattern: Standalone
Copying 20 W; Ready Mode: 8.8 W; Sleep Mode: 0.8 W; Power Off: 0.2 W
Safety Approvals
Safety: UL60950-1, CAN/CSA-C22.2 No. 60950-1
EMC: FCC Part 15 Subpart B Class B, ICES-003 Class B

General (continued)

Weight and Dimensions (W x D x H)
Printing: 20.3" x 38.4" x 18"
Storage: 20.3" x 17.7" x 11.2"
Weight: 39.9 lb
Packaging Dimensions (W x D x H)
23.2" x 20.7" x 15.9", Weight 47.0 lb

What's in the Box

WorkForce Pro WF-7820 printer, quick setup guide, CD-ROM with drivers, power cord, 4x DURABrite Ultra ink cartridges (1x Black ink cartridge and 3x color ink cartridges: 1x Cyan, 1x Magenta, 1x Yellow)
Software Included Epson printer driver, Epson Scan 2, Epson ScanSmart, Epson FAX Utility
Warranty 1-year limited warranty in the U.S. and Canada
Country of Origin Indonesia

Ink

Ink Type DURABrite Ultra pigment ink
Ink Cartridges 4x individual ink cartridges (1x Cyan, 1x Magenta, 1x Yellow and 1x Black)
Replacement Ink Cartridges*
812 Standard-capacity Black, Cyan, Magenta, Yellow (Yield, ISO pages – Black: 350, Color: 300), 812XL High-capacity Black, Cyan, Magenta, Yellow (Yield, ISO pages – Black: 1,100, Color: 1,100), 812XXL Extra high-capacity Black (Yield, ISO pages – Black 2,200)
Printer is designed for use with Epson cartridges only, not third-party cartridges or ink*.

Eco Features

ENERGY STAR® qualified
RoHS compliant
Recyclable product†
Epson America, Inc. is a SmartWay® Transport Partner¹¹

Ordering Information

WF-7820 U.S. UPC 01034395038 C11CH78201

*This product uses only genuine Epson-brand cartridges. Other brands of ink cartridges and ink supplies are not compatible and, even if described as compatible, may not function properly or at all.

† Black and color print speeds are measured in accordance with ISO/IEC 24734. Actual print times will vary based on factors including system configuration, software, and page complexity. For more information, visit www.epson.com/printspeed | †† Black and color copy speeds are determined in accordance with ISO/IEC 29183. Actual copy times will vary based on factors including system configuration and page complexity. For more information, visit www.epson.com/copyspeed | 1 Requires Epson Smart Panel app download and a compatible smart device. Data usage fees may apply. For more information, please visit Epson.com/support | 2 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 | 3 Wi-Fi CERTIFIED™; level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | 4 Based on comparing manufacturers' reported TEC values of the best-selling, similarly featured color laser printers priced about \$999 (USD) or less with print speeds of 40 ppm or less as of February 2020. | 5 Monthly duty cycle up to 50,000 is the highest duty a user could expect in a month, based on near-constant operation of a device of this kind. It is not recommended that the device be run at this duty. For best device performance, run the device at the recommended duty of up to 2,500 pages per month. | 6 Requires an Internet connection, a free Epson Connect account and a destination email address or cloud storage account. For a list of supported cloud services, visit www.epson.com/connect | 7 Only printing and scanning are supported under Windows Server OS. | 8 Some applications and/or functions may not be supported under Mac OS X. | 9 Replacement ink cartridge yields are based on the ISO/IEC 24711 standard using the ISO/IEC 19752 pattern in Default Mode printing continuously. Ink cartridge yields vary considerably for reasons including images printed, print settings, temperature, humidity, and frequency of use. Yields may be lower when printing infrequently. Ink is used for printing and printer maintenance. For print quality, part of the ink from the included cartridge is used for printer startup and a variable amount of ink remains in the cartridge after the "replace ink cartridge" signal. For details, see www.epson.com/inkinfo | 10 For convenient and reasonable recycling options, visit www.epson.com/recycle | 11 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at www.epson.com/forbusiness

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