

Epson[®] DS-790WN

Wireless Network Color Document Scanner

Network scanning¹
Up to 45 ppm/90 ipm²



Scanners

Documents

Fast, secure wireless document scanner with built-in networking and large touchscreen for PC-free scanning

Fast scan speeds, from a leader in image capturing technology — up to 45 ppm/90 ipm²; one-pass duplex scanning

Intuitive touch panel — 4.3" color touchscreen for ease-of-use one-touch scanning

Versatile connectivity — Built-in LAN and wireless networking and USB 3.0 connectivity allow for easy workgroup sharing

PC-free scanning for easy sharing and collaboration — email or scan to USB, network¹ or cloud storage services such as Dropbox[®], Evernote[®] and Google Drive^{™3,4}, no computer required

Designed for dependability — robust design with peak daily duty cycle of up to 7,000 sheets⁵; easily scan stacks of documents with 100-page ADF

Seamless compatibility with document management systems — includes both TWAIN and ISIS[®] drivers for easy integration with existing enterprise software

Versatile paper handling — scan stacks of business and ID cards, single sheets and extra-long pages up to 240"

Generate searchable PDFs and editable Office documents — scan to editable Word, PowerPoint[®] and Excel[®] files or searchable PDF files¹; OCR software included

Easily scan with a wide variety of devices — scan without a PC via the scanner LCD or Epson Smart Panel[®] mobile app⁶, or with your computer or mobile device; compatible with Windows[®], Mac[®], iOS[®] and Android[™]

Specifications

Type Sheet-fed, 1-pass, duplex color scanner
Sensor Color CIS
Optical Resolution 600 dpi
Output Resolution 50 to 1200 dpi
Maximum Interpolation Resolution 1200 dpi
Effective Pixels 5100 x 9300 pixels
Color and Grayscale Scan Mode (Output Bit Depth)
 30-bit internal/24-bit external
Monochrome Scan Mode (Output Bit Depth) 1-bit
Scan Speed (Letter Size)² 45 ppm/90 ipm: 200 and 300 dpi
 Black-and-White, Gray, Color; 12 ppm/24 ipm: 400 and 600 dpi
 Black-and-White, Gray, Color
Reliability Peak daily duty cycle⁵: 7,000 sheets;
 Consumables: Roller assembly kit: 200,000 pages
Automatic Document Feeder Capacity 100 sheets
Paper Size Minimum: 2" x 2"; Maximum: 8.5" x 240" at 200 dpi, 8.5" x 215" at 300 dpi
Paper Weight 27 – 413 g/m²
Card Thickness Maximum: Less than 1.24 mm with embossing
Controls 4.3" color touchscreen with up to 30 user-definable scan jobs
Light Source 3-color RGB LED
Interfaces SuperSpeed USB 3.0, Ethernet (RJ-45, 1000Base-T/100Base-TX/10Base-T), USB 2.0 (Host for memory or authentication devices⁷)

System Requirements

Windows® 11, 10, Windows 8/8.1, Windows 7, Windows Server®^{6,7} 2012 R2, Windows Server 2012, Windows Server 2016, Windows Server 2019, and Windows Server 2022
 Mac OS X® 10.9.5x – macOS® 12.x
 Software requires Internet connection for download and installation.

General

Environmental Conditions
 Temperature (Operating): 41 ° to 95 °F (5 ° to 35 °C)
 Humidity: 10 – 80% (no condensation)

Power Requirements
 AC Adapter Input Voltage: 100 – 240 VAC
 Output from AC Adapter: 24 VDC
 Rated Current: 1.0 A
 Frequency: 50 – 60 Hz

Power Consumption
 Operation: 15W
 Ready: 5W (USB/Wi-Fi); 5.3W (LAN)
 Sleep: 1.3W (USB); 1.6W (Wi-Fi); 1.5W (LAN)
 Off: 0.1W

Warranty 3-year limited warranty in the U.S. and Canada
Country of Origin Indonesia

Weight and Dimensions (W x D x H)
 Product only: 8.1 lb, 11.6" x 6.6" x 6.5"
 Product in Package: 10.6 lb, 14.7" x 10.6" x 12.9"

Other Features Rigid plastic ID card scanning (including embossed cards), business card scanning, oversized folded document scanning with optional carrier sheet, Ultrasonic Double-Feed detection, USB connection for memory or authentication devices⁷, device, unit security lock (Kensington® type)

Software Included

Epson Scan 2, Document Capture Pro, OpenText Captiva® ISIS driver

Driver Support TWAIN, ISIS

Eco Features

RoHS compliant
 Recyclable product⁸
 Epson America, Inc. is a SmartWay® Transport Partner⁹

What's in the Box

Epson DS-790WN, Start Here poster, SuperSpeed USB 3.0 cable, AC adapter with power cable

Ordering Information

Epson DS-790WN	B11B265201
Roller Assembly Kit 2	B12B819711
Roller Assembly Kit	B12B819671
Carrier Sheets (5)	B12B819051
Cleaning Kit	B12B819291
Paper Alignment Plate	B12B819691
1-year Extended Service Plan	EPPDSEE1
2-year Extended Service Plan	EPPDSEE2

1 With Epson Document Capture and Epson Scan software installed on the connected Windows PC or Mac. | 2 Based on letter-sized scans at 300 dpi in Black-and-White, Grayscale or Color Mode, using the USB interface. | 3 Wirelessly scan to smartphones or tablets (Android/iOS devices) via the Epson Smart Panel app; wirelessly scan to the cloud, PCs or Macs with Epson Document Capture software installed on the connected Windows PC or Mac. Internet connection is required. | 4 Epson Connect™ account and activation required. | 5 Peak daily duty cycle is the highest recommended number of scanned sheets per day. For best results, do not exceed the peak daily duty cycle. Calculations based on a scanning speed of 45 ppm and an assumed daily use time. Scan speed varies depending on network conditions. | 6 Requires Epson Smart Panel app download and compatible mobile device. Data usage fees may apply. | 7 With Document Capture Pro Server Authentication Edition software running on a Windows Server. Network connection is required. | 8 For convenient and reasonable recycling options, visit www.epson.com/recycle | 9 SmartWay® is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.



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