

WorkForce[®] Pro WF-5690

Wireless | Print | Copy | Scan | Fax | Ethernet | PCL/PS



Powered by
PRECISIONCORE[®]

Multifunction
Workgroup

A powerful multifunction printer that drives productivity for workgroups.

Get Performance Beyond Laser™ — the WorkForce Pro WF-5690, powered by PrecisionCore[®]

Cost savings — up to 50 percent lower printing cost vs. color laser¹

Heavy-duty, reliable performance — 45,000-page monthly duty cycle; up to 2500 pages recommended monthly for high-volume printing²

Fast output — prints at speeds of 20 ISO ppm (black) and 20 ISO ppm (color)[†]

Outstanding support — best-in-class three-year limited warranty with advance exchange

Professional-quality results — laser-sharp text and brilliant colors on a wide variety of media

Do more — 35-page duplex Auto Document Feeder; auto 2-sided print, copy, scan and fax; Document Capture Pro software included

Low intervention — print or copy up to 4000 black and color pages without changing the cartridge³; up to 580 sheets total paper capacity with optional second paper tray

Easy networking and administration — network setup and security features for wired and wireless⁴ connections; supports PCL⁵ and PostScript[®] 3

Intuitive navigation and control — 4.3" color touchscreen



Print

Printing Technology PrecisionCore 4S printhead 4-color inkjet
Printer Language Epson ESC/P[®]-R, PCL 5 emulation⁵, PCL 6 emulation⁵, PostScript 3
Maximum Print Resolution 4800 x 1200 optimized dpi
ISO Print Speed[†] Black 20 ISO ppm / Color 20 ISO ppm
Two-Sided ISO Print Speed[†] Black 11 ISO ppm / Color 11 ISO ppm
Minimum Ink Droplet Size 3 droplet sizes, as small as 2.8 picoliters
Duty Cycle[‡] Up to 45,000 pages (Recommended monthly page volume: up to 2500 pages)

Copy

ISO Copy Speed^{††} Black 19 ISO cpm / Color 19 ISO cpm
Copy Quality Color/Black-and-White: Standard/Best
Copy Quantity 1 – 999 (PC-free)
Maximum Copy Size 8.5" x 14"
Copy Features Auto 2-sided, Preview, Resize, ID Copy, Collate, Adjustable Copy Density, Remove Punched Holes, Remove Shadows

Scan

Scanner Type Color flatbed/Auto 2-sided ADF
Photoelectric Device ColorCIS line sensor
Optical Resolution 2400 dpi
Hardware Resolution 1200 x 2400 dpi
Maximum Resolution 9600 x 9600 dpi interpolated
Scanner Bit Depth 48-bit color / 24-bit output
Scan Features Scan to PC via Document Capture Pro, Scan to Cloud⁶ (including email), Memory Device, Password Protected PDFs

Fax

Fax Specifications
 Black-and-white and Color
 Modem: 33.6 Kbps – as fast as 3 sec per page
 Memory: Up to 550 pages
 Speed dials: 200 (max.)
 PC-Fax

Connectivity

Standard Connectivity
 Hi-Speed USB (compatible with USB 2.0 specification)
 Wireless LAN IEEE (802.11 b/g/n)⁴
 Wired Ethernet (1000 Base-T/100 Base-TX/10 Base-T)
 Wi-Fi Direct^{9,4}

Connectivity (continued)

Network Printing Protocols
 IPP, LDP, Port 9100, WSD
Network Management Protocols
 SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNT, Ping, SLP, WSD, LLTD
WLAN Security
 WEP 64 Bit, WEP 128 Bit, WPA PSK (AES)
Operating Systems Windows[®] 8.x (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, Windows Server[®] 2012 R2⁷, Windows Server 2012⁷, Windows Server 2008 R2⁷, Windows Server 2008⁷, Windows Server 2003 R2⁷, Windows Server 2003⁷, Mac OS[®]X 10.5.8 – 10.9.x⁸, Mac OS X Server⁸

Mobile Printing

Epson Connect^{TM9} Epson[®] Email Print, Epson iPrintTM Mobile App, Epson Remote Print
 Other Kindle FireTM, Apple[®] AirPrintTM, Google Cloud PrintTM

Paper Handling

PC-free Paper Support Plain (Letter, A4), Photo (Letter, A4, 8" x 10", 5" x 7", 4" x 6")
Maximum Paper Size 8.5" x 47.2"
Paper Sizes 3.5" x 5", 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", A4, A6, half letter, executive, user definable (3.5" – 47.2" in length)
Paper Types Plain paper, Epson Bright White Paper, Epson Presentation Paper Matte, Epson Premium Presentation Paper Matte, Epson Premium Presentation Paper Matte Double-sided, Epson Premium Photo Paper Glossy, Epson Ultra Premium Photo Paper Glossy, Epson Premium Photo Paper Semi-gloss
Envelope Types No. 10; plain paper, bond paper, air mail
Input Paper Capacity
 250 sheets plain paper (250 sheets plain paper x 1 tray)
 Rear feed: 80 sheets
 (580 sheets total with optional 250-sheet paper tray)
 10 envelopes
 Auto Document Feeder: 35 sheets

General

Display 4.3" color 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% RH
 Storage: 5 – 85% RH (no condensation)
Sound Level
 Power 5.3 dB(A)
 Pressure 52 dB(A)
Rated Voltage AC 100-240V Universal (Automatic)

General (continued)

Rated Frequency 50 – 60 Hz
Rated Current 0.8A – 0.4A
Power Consumption
 Approx. 22 W ISO 24712 (Standalone copy printing)
 Approx. 8.9 W (Standby)
 Approx. 2.6 W (Sleep)
 Approx. 0.3 W (Power off) ENERGY STAR[®] qualified
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
Telecom Regulations FCC Part 68 (U.S.A.), IC/CS03 (Canada)
Weight and Dimensions (W x D x H)
 Printing: 18.1" x 25.8" x 15.1"
 Storage: 18.1" x 16.6" x 13.5"
 Weight: 31.5 lb
What's in the Box Epson WorkForce Pro WF-5690 multifunction printer, manual, power cord, DURABrite[®] Ultra Ink cartridges¹⁰ – Four 786 series ink cartridges: Black, Cyan, Magenta, Yellow
Software Included¹¹ Epson printer driver, PCL 5 driver emulation⁵, PCL 6 driver emulation⁵, PostScript 3, Document Capture Pro
Warranty Three-year limited warranty in the U.S. and Canada
Country of Origin Indonesia

Ink

Ink Type DURABrite Ultra pigment ink (smudge, fade and water resistant)
Ink Palette Cyan, Magenta, Yellow and Black
Ink Cartridge Configuration Four individual ink cartridges
Fade Resistance / Print Longevity¹² Up to 118 years
Replacement Ink Cartridges¹⁰
 786 Standard capacity Black, Cyan, Magenta, Yellow
 786XL High-capacity Black, Cyan, Magenta, Yellow
 788XXL Extra High-capacity Black, Cyan, Magenta, Yellow

Eco Features

Uses up to 70% less power than laser printers¹³
 Save up to 50% of your paper supply with auto 2-sided printing
 ENERGY STAR qualified
 RoHS compliant
 Recyclable product¹⁴
 Epson America, Inc. is a SmartWaySM Transport Partner¹⁵

Ordering Information

WorkForce Pro WF-5690	C11CD14201
Optional 250-sheet paper cassette	C12C817011

[†] 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 | ^{††} Black and color copy speeds (cpm) are determined in default, single-side mode, in accordance with ISO/IEC 29183. Actual copy times will vary based on system configuration and page complexity. See www.epson.com/copyspeed for details. | ¹ Compared with best-selling color laser printers priced at \$699 (USD) or less, based on NPJ data, March 2013 – February 2014. Calculation based on continuous printing with highest-capacity cartridges. Actual savings will vary based on print task and use conditions. | ² Monthly duty cycle up to 45,000 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 2500 pages per month. | ³ 788XXL Black cartridge prints about 4000 ISO pages. 788XXL color cartridges print about 4000 ISO pages on average. Actual number of pages will vary. | ⁴ Wi-Fi CERTIFIEDTM: level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | ⁵ Not all media types are supported for PCL printing. | ⁶ Scan to cloud 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 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 | ¹⁰ 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 | ¹¹ Internet access is required to install OS X drivers and software. | ¹² 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. | ¹³ Compared to best-selling color single and multifunction laser printers priced at \$699 (USD) or less as of December 2013. Actual power savings will vary by product model and usage. | ¹⁴ For convenient and reasonable recycling options, visit www.epson.com/recycle | ¹⁵ 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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