

# WorkForce® Pro WF-5190

WIRELESS | PRINT | ETHERNET | PCL/PS



Printer

WorkForce Pro

## A powerful workgroup printer that delivers increased productivity.

**Get Performance Beyond Laser™** — the WorkForce Pro WF-5190, powered by PrecisionCore™

**Cost savings** — up to 50 percent lower printing cost vs. color laser<sup>1</sup>

**Heavy-duty, reliable performance** — 45,000-page monthly duty cycle; up to 2500 pages recommended monthly for high-volume printing<sup>2</sup>

**Fast output** — prints at speeds of 20 ISO ppm (black) and 20 ISO ppm (color)<sup>†</sup>

**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

**Low intervention** — print up to 4000 black and color pages without changing the cartridge<sup>3</sup>; up to 580 sheets total paper capacity with optional second paper tray

**IT features** — seamless network integration, plus security features; PCL<sup>4</sup> and PostScript® 3 support

**Save energy** — uses up to 70 percent less power<sup>5</sup> than laser printers

**Built-in networking** — wired and wireless connectivity plus Wi-Fi Direct®<sup>6</sup>; also prints from smartphones and tablets<sup>7</sup>



## Print

**Printing Technology** PrecisionCore 4S printhead 4-color inkjet

**Printer Language** Epson ESC/P®-R, PCL 5 emulation†, PCL 6 emulation†, 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 Cycle²** Up to 45,000 pages (Recommended monthly page volume: up to 2500 pages)

## Connectivity

### Standard Connectivity

Hi-Speed USB (compatible with USB 2.0 specification)

Wireless LAN IEEE (802.11 b/g/n)⁵

Wired Ethernet (1000 Base-T/100 Base-TX/10 Base-T)

Wi-Fi Direct⁶

### Network Printing Protocols

IPP, LDP, Port 9100, WSD

### Network Management Protocols

SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SMTP, 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 R2², Windows Server 2012², Windows Server 2008 R2³, Windows Server 2008⁸, Windows Server 2003 R2³, Windows Server 2003³, Mac OS® X 10.5.8 – 10.9.x⁹, Mac OS X Server⁹

## Mobile Printing

**Epson Connect™⁷** Epson® Email Print, Epson iPrint™ Mobile App, Epson Remote Print

**Other** Kindle Fire™, Apple® AirPrint™, Google Cloud Print™

## 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

## General

**Display** 2.2" mono LCD

### 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 B(A)

Pressure 52 dB(A)

**Rated Voltage** AC 100-240V Universal (Automatic)

**Rated Frequency** 50 – 60 Hz

**Rated Current** 0.8A – 0.4A

### Power Consumption

Approx. 25 W ISO 24712 (Standalone copy printing)

Approx. 6.2 W (Standby)

Approx. 2.3 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)

**Country of Origin** Indonesia

## General (continued)

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

Printing: 18.1" x 25.8" x 15.1"

Storage: 18.1" x 16.6" x 11.2"

Weight: 25 lb

**What's in the Box** Epson WorkForce Pro WF-5190 printer, manual, CD-ROM for product setup, power cord, DURABrite® Ultra Ink cartridges¹⁰ – Four 786 series ink cartridges: Black, Cyan, Magenta, Yellow

**Software Included¹¹** Epson printer driver, PCL 5 driver emulation⁴, PCL 6 driver emulation⁴, PostScript 3

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

## 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 printers⁵

Save up to 50% of your paper supply with auto 2-sided printing

ENERGY STAR qualified

RoHS compliant

Recyclable product¹³

Epson America, Inc. is a SmartWay™ Transport Partner¹⁴

## Ordering Information

### Product Name

WorkForce Pro WF-5190

Optional 250-sheet paper cassette

### Product Code

C11CD15201

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](http://www.epson.com/printspeed) | 1 Compared with best-selling color laser printers priced at \$699 (USD) or less, based on NPD 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 Not all media types are supported for PCL printing. | 5 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. | 6 Wi-Fi CERTIFIED™; level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | 7 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) | 8 Only printing is supported under Windows Server OS. | 9 Some applications and/or functions may not be supported under Mac OS X. | 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 printer 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) | 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 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 14 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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