EPSON®
EXCEED YOUR VISION

WorkForce® Pro WF-6590

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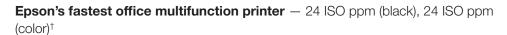
Multifunction

Workgroup

Powered by
PRECISIONCORE®

A fast, cost-effective multifunction printer for workgroup productivity.

Cost savings — up to 50 percent lower printing costs vs. color lasers[1]

Low intervention — print up to 7000 black/color pages without changing cartridges[2]

Epson's fastest office multifunction printer — 24 ISO ppm (black), 24 ISO ppm (color)[†]

Versatile media handling — fast auto duplexing (print, copy, scan, fax); up to 1580-sheet total paper capacity[3]

Security features — PIN number certification for job release; user control access, printer and network settings via Web Config with printer's IP address; SSL/TLS security, IPsec

Pro-quality documents — long-lasting results with DURABrite® Pro cartridges

Drivers and utilities — remote printing and Cloud access with Universal printer driver; PCL[4] and Adobe® PostScript® 3™ support

Powered by PrecisionCore® — the next generation of inkjet printing technology

Enabled for remote printer data collection — compatible with MPS software solutions from PrintFleet®, ECi (FMAudit®), PrintAudit® and others

Duty cycle — up to 75,000 pages monthly[5]

Designed for use exclusively with Epson cartridges.*

ENERGY STAR

WorkForce® Pro WF-6590 Multifunction Printer

Print

Printing Technology PrecisionCore 4S printhead 4-color inkjet
Printer Language Epson ESC/P®-R, PCL 5 emulation[4], PCL 6 emulation[4], PostScript 3
Maximum Print Resolution 4800 x 1200 optimized dpi
ISO Print Speed[†] Black 24 ISO ppm / Color 24 ISO ppm
Two-Sided ISO Print Speed[†] Black 16 ISO ppm / Color 16 ISO ppm
Maximum Draft Print Speed[††] Black 34 ppm / Color 34 ppm
Minimum Ink Droplet Size 3 droplet sizes, as small as 3.7 picoliters
Duty Cycle[5] Up to 75,000 pages (Recommended monthly page volume: up to 5000 pages)

Copy

ISO Copy Speed[†††] Black 22 ISO cpm / Color 21 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, Collate, Adjustable Copy Density

Scan

Scanner Type Color flatbed/Auto 2-sided ADF
Photoelectric Device ColorCIS line sensor
Scanbed Size 8.5" x 14"
Optical Resolution 1200 dpi
Hardware Resolution 1200 x 2400 dpi
Maximum Resolution 9600 x 9600 dpi interpolated
Scanner Bit Depth 30-bit color input/24-bit color output
Scan Features Scan to PC via Document Capture Pro, Scan to Cloud[6] (including email), Memory Device, Password Protected PDFs, Address book via LDAP

Fax

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

Security

Security Features
PIN number certification for job release, user control access, printer and network settings via Web Config using printer's IP address, SSL/TLS security, IPsec

Connectivity

Standard Connectivity
Hi-Speed USB (compatible with USB 2.0 specification)
Wireless LAN IEEE (802.11 b/g/n)[7]
Wired Ethernet (1000 Base-T/100 Base-TX/10 Base-T)
Wi-Fi Direct®[7]
NFC[8]

Connectivity (continued)

Network Protocols
TCP/IP v4/v6
Network Printing Protocols
IPP, LDP, Port 9100, WSD
Network Management Protocols
SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNTP, Ping, SLP, WSD, LLTD
WLAN Security
WEP 64 Bit, WEP 128 Bit, WPA PSK (AES)
Operating Systems Windows® 10, 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 R2[9], Windows Server 2012[9], Windows Server 2008 R2[9], Windows Server 2008[9], Windows Server 2003 R2[9], Windows Server 2003[9], Mac OS® X 10.6.x – 10.11.x[10], Mac OS X Server[10]

Mobile Printing

Epson Connect™[11] Epson Email Print, Epson iPrint™ Mobile App, Epson Remote Print
Other Apple® AirPrint™, Google Cloud Print™, Fire™ OS

Paper Handling

PC-free Paper Support Plain (Letter, Legal, A4), Photo (4" x 6", 5" x 7", 8" x 10", 8.5" x 11", A4)
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", 8.5" x 14", A4, A6, half letter, executive, user definable (3.5" – 47.2" in length)
Paper Types Plain paper, Bright White Paper, Presentation Paper Matte, Premium Presentation Paper Matte, Premium Presentation Paper Matte Double-sided, Photo Paper Glossy, Premium Photo Paper Glossy, Ultra Premium Photo Paper Glossy, Premium Photo Paper Semi-gloss, Ultra Premium Photo Paper Luster
Envelope Types No. 10; plain paper, bond paper, air mail
Input Paper Capacity
500 sheets plain paper (500 sheets plain paper x 1 tray)
Rear feed: 80 sheets
(1580 sheets total with two optional 500-sheet paper trays)
10 envelopes
Auto Document Feeder: 50 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%
Storage: 5 – 85% (no condensation)
Sound Level
Power 6.5 dB(A)
Pressure 50 dB(A)

General (continued)

Rated Voltage AC 100 – 240V Universal (Automatic)
Rated Frequency 50 – 60 Hz
Rated Current 1.2A – 0.6A
Power Consumption
Approx. 36 W ISO 24712 (Standalone copy printing)
Approx. 17 W (Standby)
Approx. 2.7 W (Sleep)
Approx. 0.5 W (Power off) ENERGY STAR® qualified
Typical Energy Consumption (TEC)[12] 0.6 kWh
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
Weight and Dimensions (W x D x H)
Printing: 20.3" x 29.8" x 21.3"
Storage: 20.3" x 20.6" x 20.2"
Weight: 68.3 lb
What's in the Box Epson WorkForce Pro WF-6590 multifunction printer, power cord, DURABrite Pro Ink cartridges[2] – Four 748 series ink cartridges: Black, Cyan, Magenta, Yellow
Software Included[13] Epson printer driver, PCL 5 driver emulation[4], PCL 6 driver emulation[4], PostScript 3, Document Capture Pro
Warranty One-year limited warranty in the U.S. and Canada

Ink

Ink Type DURABrite Pro pigment ink (smudge, fade and water resistant)
Ink Palette Cyan, Magenta, Yellow and Black
Ink Cartridge Configuration Four individual ink cartridges
Replacement Ink Cartridges[2]
748 Standard-capacity Black, Cyan, Magenta, Yellow (Yield, ISO pages – Black: 2500, Color: 1500)
748XL High-capacity Black, Cyan, Magenta, Yellow (Yield, ISO pages – Black: 5000, Color: 4000)
748XXL Extra High-capacity Black, Cyan, Magenta, Yellow (Yield, ISO pages – Black: 10,000, Color: 7000)

Printer is designed for use with Epson cartridges only, not third-party cartridges or ink. www.epson.com/cartridgereturn*

Eco Features

Uses up to 70% less power than laser printers[14]
Save up to 50% of your paper supply with auto 2-sided printing
ENERGY STAR qualified
RoHS compliant
Recyclable product[15]
Epson America, Inc. is a SmartWay℠ Transport Partner[16]

Ordering Information

WorkForce Pro WF-6590	C11CD49201
Optional 500-sheet paper cassette tray	C12C932011
Optional cabinet	C12C932681
Maintenance box	C13T671200

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*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.

[†] 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 [††] Maximum print speeds are measured with text patterns in Draft Mode on plain paper. Actual print times will vary based on system configuration, software, and page complexity. [†††] Black and color copy speeds are determined in accordance with ISO/IEC 29183. Actual copy times will vary based on system configuration and page complexity. For more information, visit www.epson.com/copyspeed | 1 Compared with best-selling color lasers priced at $699 (USD) or less as of June 2015. Calculation based on continuous printing with highest-capacity cartridges. Actual savings will vary based on print task and use conditions. | 2 748XXL Black cartridge prints about 10,000 ISO pages. 748XXL color cartridges print about 7000 ISO pages on average. 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 | 3 With optional paper trays. | 4 Not all media types are supported for PCL printing. | 5 Monthly duty cycle up to 75,000 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 5000 pages per month. | 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 Wi-Fi CERTIFIED™; level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | 8 NFC requires use of a device that includes NFC, and may require additional software. | 9 Only printing and scanning are supported under Windows Server OS. | 10 Some applications and/or functions may not be supported under Mac OS X. | 11 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 | 12 Based on ENERGY STAR TEC measurement methodology; 288 prints/day; actual electricity consumption may vary depending on printer use. For more information, see www.energystar.gov | 13 Internet access is required to install OS X® drivers and software. | 14 Compared to best-selling color lasers priced at $600 (USD) or less as of May 2015. Actual power savings will vary by product model and usage. | 15 For convenient and reasonable recycling options, visit www.epson.com/recycle | 16 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.