

WorkForce® Pro WP-4590

Multifunction Workgroup Color Printer

Print | Copy | Scan | Fax | Ethernet | PCL



ISO PPM† TRUE PRINT SPEED 1-SIDED 16 BLACK 11 COLOR 2-SIDED 9.2 BLACK 7.1 COLOR	Print Resolution (Maximum) 4800 x 1200 dpi	Paper Capacity 330 pages	Duty Cycle (Maximum) 25,000 pages monthly¹	Connectivity Ethernet	Warranty 3 years
--	---	--	---	--	--------------------------------------

Engineered for Business.

- Up to 50% less color printing cost than color laser² — cost-efficient professional prints
- Outstanding support — three-year limited warranty; second-business-day shipping service
- Large cartridge capacity — print/copy up to six reams of paper, up to 3400 black and color pages, without changing the cartridge³
- Laser-sharp text and photo quality prints — 4800 x 1200 dpi for professional results that won't smudge or fade
- Save up to 50% of your paper supply — built-in automatic two-sided printing/copying
- Remarkable durability — 25,000-page maximum monthly duty cycle; up to 1650 pages recommended monthly¹
- Reload paper less often — 330-sheet capacity, includes an 80-sheet rear-feed tray for envelopes, labels and specialty media; up to 580 sheets total with optional second paper tray
- Save energy — uses up to 70% less power than lasers⁴
- Print from anywhere — use EPSON Connect™ to print directly from popular mobile devices, plus print remotely from any device that can e-mail; also compatible with Apple® AirPrint™ and Google Cloud Print™⁵
- World's Fastest automatic two-sided printer⁶ plus fast First Set Out⁷ — ideal for busy workgroups
- Built-in networking — easily connect and share with others in your workgroup via Ethernet networking; also supports PCL and PostScript®
- Do more — 30-page duplex Auto Document Feeder to scan and save easily. High-speed faxing in black and color with fax memory up to 180 pages; fax documents directly to/from a computer⁸

WorkForce® Pro WP-4590

Multifunction Workgroup Color Printer

Print | Copy | Scan | Fax | Ethernet | PCL

ORDERING SPECIFICATIONS

Product Name	Product Code	UPC
WorkForce Pro WP-4590 Multifunction Workgroup Color Printer	C11CB31201	0 10343 88298 0
676XL DURABrite® Ultra — XL Black ink cartridge	T676XL120	0 10343 88335 2
676XL DURABrite Ultra — XL Cyan ink cartridge	T676XL220	0 10343 88336 9
676XL DURABrite Ultra — XL Magenta ink cartridge	T676XL320	0 10343 88337 6
676XL DURABrite Ultra — XL Yellow ink cartridge	T676XL420	0 10343 88338 3
711XXL DURABrite Ultra — XXL Black ink cartridge	T711XXL120	0 10343 88339 0
711XXL DURABrite Ultra — XXL Cyan ink cartridge	T711XXL220	0 10343 88340 6
711XXL DURABrite Ultra — XXL Magenta ink cartridge	T711XXL320	0 10343 88341 3
711XXL DURABrite Ultra — XXL Yellow ink cartridge	T711XXL420	0 10343 88342 0

PACKAGING SPECIFICATIONS (Approximate)

WorkForce Pro WP-4590	676XL DURABrite Ultra Color Ink Cartridges	711XXL DURABrite Ultra Color Ink Cartridges
Single Carton Dimensions 24.6" x 20.5" x 22.0" (W x D x H)	Single Carton Dimensions 3.39" x 1.16" x 5.51" (W x D x H)	Single Carton Dimensions 3.39" x 1.16" x 7.0" (W x D x H)
Weight 39.0 lb	Weight 0.33 lb	Weight 0.33 lb
Pallet 41.8" x 48.8" x 87.3" (W x D x H)	Master Carton Dimensions 13.25" x 7.25" x 5.25" (W x D x H)	Master Carton Dimensions 13.25" x 7.25" x 5.25" (W x D x H)
Number of Units Per Pallet 16	Master Carton Weight 5.72 lb	Master Carton Weight 5.72 lb
676XL DURABrite Ultra Black Ink Cartridge	711XXL DURABrite Ultra Black Ink Cartridge	
Single Carton Dimensions 3.39" x 1.16" x 5.51" (W x D x H)	Single Carton Dimensions 3.39" x 1.16" x 7.0" (W x D x H)	
Weight 0.33 lb	Weight 0.33 lb	
Master Carton Dimensions 13.25" x 7.25" x 5.25" (W x D x H)	Master Carton Dimensions 13.25" x 7.25" x 5.25" (W x D x H)	
Master Carton Weight 5.72 lb	Master Carton Weight 5.72 lb	

PRINT	
Printing Technology	4-color (CMYK) drop-on-demand MicroPiezo® inkjet technology
Printer Languages	EPSON ESC/P®-R, PCL 5 emulation, PCL 6 emulation, PS 3
Maximum Print Resolution	4800 x 1200 optimized dpi
ISO Print Speed†	Black 16 ISO ppm Color 11 ISO ppm
Two-Sided ISO Print Speed†	Black 9.2 ISO ppm Color 7.1 ISO ppm
Minimum Ink Droplet Size	2 droplet sizes, as small as 3 picoliters
Duty Cycle¹	Up to 25,000 pages. Recommended monthly page volume: up to 1650 pages
COPY	
Copy Quality	Color/Black-and-White: Draft/Normal
Copy Quantity	1 – 99 (PC-free)
Maximum Copy Size	8.5" x 14" (PC-free)
Copy Features	Fit to page, automatic reduction and enlargement (25 – 400%), adjustable copy density
SCAN	
Scanner Type	Color flatbed/Automatic 2-sided ADF
Photoelectric Device	Color CIS line sensor
Optical Resolution	2400 dpi
Hardware Resolution	2400 x 1200 dpi
Maximum Resolution	9600 x 9600 dpi interpolated
Scanner Bit Depth	48-bit color / 24-bit output
PC-free Features	Scan-to-PC, scan-to-PDF, scan-to-email, scan-to-USB device
FAX	
Fax Specifications	Black-and-white and color Modem: 33.6 Kbps — as fast as 3 sec per page Memory: Up to 180 pages Speed dials: 60 (max.) PC-Fax®
CONNECTIVITY	
Connectivity	Hi-Speed USB 2.0 Wired Ethernet (10/100 Mbps)
Operating Systems	Windows® 7 (32-bit, 64-bit) Windows Vista® (32-bit, 64-bit) Windows XP SP1 or higher (32-bit) Windows XP Professional x64 Edition Mac OS® X³ 10.4.11, 10.5.x, 10.6.x, 10.7.x
Server Systems¹⁰	Windows Server® 2008 R2 Windows Server 2008 Windows Server 2003
PAPER HANDLING	
PC-free Paper Support	Plain (Letter, A4), Photo (Letter, A4, 8" x 10", 5" x 7", 4" x 6", 16:9 wide)
Maximum Paper Size	User definable up to 8.5" x 44"
Paper Sizes	3.5" x 5", 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", A4, B5, A5, A6, half letter, executive, user definable (3.5" – 44" in length)

PAPER HANDLING (cont.)	
Paper Types¹¹	Plain paper, EPSON® Bright White, Brochure & Flyer Paper Matte Double-sided, Ultra Premium Presentation Paper Matte, Premium Presentation Paper Matte, Premium Presentation Paper Matte Double-Sided, Presentation Paper Matte, Ultra Premium Photo Paper Glossy, Premium Photo Paper Semi-gloss, Premium Photo Paper Glossy, Photo Paper Glossy, Photo Quality Adhesive Sheets, Iron-on Cool Peel Transfer paper
Envelope Types	No. 10; plain paper, bond paper, air mail
Input Paper Capacity	330 sheets plain paper (250 sheets plain paper, 80-sheet rear-feed tray), 580 sheets total with optional 250-sheet paper tray, 10 envelopes
GENERAL	
Display	2.5" 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% Storage: 5 – 85% (no condensation)
Sound Level	38 dB(A)
Rated Voltage	AC 100 – 240 V
Rated Frequency	50 – 60 Hz
Rated Current	0.6 Amp
Power Consumption	Approx. 16 W ISO 24712 (Standalone copy printing) Approx. 0.2 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
Weight and Dimensions (W x D x H)	Printing: 18.1" x 25.7" x 15.1" Storage: 18.1" x 16.5" x 13.4" Weight: 30.4 lb
What's In The Box	WorkForce Pro WP-4590 all-in-one, instruction booklets, CD-ROM with drivers,³ power cord, telephone cord, 4 DURABrite Ultra Ink cartridges – Black, Cyan, Magenta, Yellow; included cartridges print about 1000 black and 900 color pages¹²
Software Included	EPSON printer driver, ABBYY® FineReader®, PCL 5 driver emulation, PCL 6 driver emulation, PostScript 3
Warranty	Three-year limited warranty in the U.S. and Canada
Optional Accessories	250-sheet paper tray
INK	
Ink Type	DURABrite Ultra pigment ink (smudge, fade and water resistant)
Ink Palette	Cyan, Magenta, Yellow and Black
Ink Cartridge Configuration	4 individual ink cartridges
Fade Resistance / Print Longevity¹³	Up to 118 years
Replacement Ink Cartridges¹²	711XXL Black, Cyan, Magenta, Yellow³ 676XL Black, Cyan, Magenta, Yellow¹⁴
ECO FEATURES	

- Uses up to 70% less power than laser printers⁴
- Save up to 50% of your paper supply with automatic, two-sided printing
- ENERGY STAR qualified
- RoHS compliant
- Recyclable product¹⁵
- Epson America, Inc. is a SmartWaySM Transport Partner¹⁶

† ISO ppm is based on ISO 24734. Black and color print speeds are determined in default, single-side mode, in accordance with ISO/IEC 24734. Black and color two-sided print speeds are determined in two-sided mode, in accordance with ISO/IEC 24734. Actual print times will vary based on system configuration, software, and page complexity. See www.epson.com/printspeed for details, including complete ISO reports.

- Monthly duty cycle 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.
- Compared with best-selling color laser all-in-ones priced at \$699 or less, as of December 2011. Calculation based on continuous printing with highest-capacity cartridges. Actual savings will vary based on print task and use conditions.
- 711XXL Black ink cartridge prints about 3400 ISO pages. 711XXL color ink cartridges print about 3400 ISO pages on average.
- Compared to the best-selling monochrome and color multifunction laser printers available for \$699 or less as of December 2010. Actual power savings will vary by product model and usage.
- See www.epson.com/connect regarding compatible devices and apps.
- Fastest in its class; printing black text in default, two-sided mode, in accordance with ISO/IEC 24734. Compared to inkjet all-in-ones priced at \$399 or less, as of January 2011, based on manufacturers' rated ISO speeds or independent testing.
- First set out time based on number of seconds between the initiation of the print job to the complete exit of the last page of the first test set.
- For sending and receiving faxes.
- Some applications and/or functions may not be supported under Mac OS X.
- Only printing is supported under Windows Server OS; scanning and bundled applications are not supported.
- Not all media types are supported for PCL printing
- Cartridge yields are based on continuous printing of a suite of five black and color pages pursuant to ISO/IEC 24711 and 24712. Actual yields will vary. For more information about yields, see www.epson.com/cartridgeinfo
- 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.
- 676XL Black ink cartridge prints about 2400 ISO pages. 676XL color ink cartridges print about 1200 ISO pages on average.
- See our website for convenient and reasonable recycling options at www.epson.com/recycle
- SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Epson America, Inc.
3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

EPSON, DURABrite, EPSON ESC/P, MicroPiezo, and WorkForce are registered trademarks, EPSON Exceed Your Vision is a registered logomark and EPSON Connect is a trademark of Seiko Epson Corporation. Apple and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries. AirPrint is a trademark of Apple Inc. Google Cloud Print is a trademark of Google Inc. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2012 Epson America, Inc. 2/12