

Epson WorkForce Pro WF-C5790



 ENLARGE IMAGE

Business Printers

Print | Copy | Scan | Fax | Ethernet | Wi-Fi Direct

Powered by PrecisionCore™ delivering Performance Beyond Laser™ for business

[Where to Buy](#)

[Printer Friendly Specs](#)

Overview

Compact, Cost saving multifunction productivity

The Epson C Series **WorkForce Pro WF-C5790** features the next generation of the PrecisionCore inkjet printing technology. This compact device features an innovative Replaceable Ink Pack System (RIPS) to minimise interventions. The long-life inks also enables you to reduce your printing costs – up to 62% lower colour cost per page compared with colour laser printers in its class¹.

KEY FEATURES & BENEFITS

Powered by PrecisionCore™ – the next-generation of inkjet printing technology, Epson's innovative Replaceable Ink Pack System

Easy on your budget – up to 62% lower colour cost per page compared with laser¹

Productive workspace – compact footprint for a streamlined, efficient workstation

Blazing fast print speeds – 0 second warmup time – 24 ppm (black/colour) ISO¹; plus fast first page out

Open-platform ready – seamless integration with enterprise applications such as PaperCut MF and other cost recovery and follow-me print solutions, supports PCL⁴ and PostScript emulations

Security features – PIN number authentication for job release; user control access; configure and clone printer and network settings via Web Config with the printer's IP address; SSL/TLS security; IPsec

Minimise your interventions – Epson's Replaceable Ink Pack System lets you print up to 10,000 mono and 5,000 colour pages without changing the ink²; up to 830 sheets paper capacity with the optional second paper tray

Enabled for remote printer data collection – compatible with MPS software solutions from PrintFleet[®], ECI (FMAudit[®]) and others

Professional-quality results to make your business look its best – ultra-sharp text and brilliant colours on a wide variety of media

PRECISIONCORE TECHNOLOGY

Introducing PrecisionCore, the next generation of printing technology. From professional and industrial-level printers to your desktop inkjet, this groundbreaking technology delivers fast printing with superior quality results. A truly innovative system, PrecisionCore features Epson's advanced thin-film piezoelectric (TFP) elements, which are produced via the MEMS manufacturing process, based on semiconductor micro-fabrication techniques. At the core of this proprietary technology is the PrecisionCore MicroTFP print chip, a digital chip that prints at the micron level – 1/100th the size of a human hair. It's this extraordinary focus on accuracy and detail that enables PrecisionCore to deliver revolutionary results, whatever the task at hand.



Lowest colour cost per page in its class

Save up to 62% on printing costs compared with colour laser¹

Why should you settle for mono prints when you can print in colour? This WorkForce Pro printer with PrecisionCore technology on-board, delivers outstanding results at a fraction of the cost of colour laser. You can print sales and marketing collateral in-house and on-demand, rather than buying in bulk, and spending extra time and money at the local copy shop. Print more with high capacity ink cartridges that last up to 10,000 black pages, and colour yields of up to 5,000 pages²



XL Cartridges

Save energy, save money

The WorkForce Pro WF-C5790 includes features such as automatic, two-sided printing whereby you can save up to 50% on paper supply. In addition both models enable significant energy reduction by using up to 85% less power than laser printers³. In most cases the energy used by a laser printer, whilst in "Ready" mode, still uses more energy than an Epson device whilst printing.

Exceptional, best-in-class Colour Quality

Higher colour resolution vs colour laser printers

If you wish to buy a colour printer to promote your business, no matter what line of business, Epson's exceptional colour print quality will ensure proposals and marketing collateral are represented in the best possible light.

Packing a greater number of nozzles into a smaller surface area, this high-resolution inkjet printhead, along with PrecisionCore technology, gives you ultra-sharp text, as well as stunning graphics and images - all with smooth gradations on both plain and specialty paper. Comparing to a laser device at 600dpi, these devices can deliver 16 times the quality of document. Perfectly suited to your business printing requirements.

Extremely durable prints

PrecisionCore technology enables the use of advanced ink formulations, DURABrite® Ultra Ink. This innovative, pigment based, 4-colour ink set, along with Epson's PrecisionCore printing technology, delivers smudge, fade and water-resistant prints that are highlighter friendly too.



Productivity and Efficiency

Businesses of all shapes and sizes are always looking to be more productive (do more with less) or more efficient (do it right the first time). The new Epson WorkForce Pro C Series provides a mobility platform to keep an office on the move, and features that provide a host of productivity and efficiency benefits.



The ultimate in wireless and network printing

Using the WorkForce Pro C Series devices has never been easier — whether in the office, on the road or even across the globe. Connect to your wireless network in a snap — even the latest Wi-Fi standard, 802.11 n is supported. No network? No problem. Wi-Fi Direct means no router is required⁵ enabling users to easily connect to wireless networks in seconds, allowing printing from virtually any room in the office.

Wired networking

Built-in Ethernet makes sharing the printer on a network quick and easy.

Productivity anytime, anywhere

Easily print from your tablet or smartphone using Epson Connect™. Supports Android™, Apple® iPad and iPhone, Chromebook™, Mac® and Windows® devices. Wirelessly print documents, photos, emails and web pages whether at the office or on the go. You can also scan documents and save them to the cloud for easy access and collaboration



Print from your iPad or iPhone

Apple® AirPrint™ makes it simple to print emails, photos, web pages and documents straight from your iPad or iPhone. There's no software to download, no drivers to install and no cables to connect. Your Apple device will automatically connect to the printer.

Share your Google® content

Print on the go from a smartphone or tablet using Google Cloud Print™ with your Gmail™ or Google Drive™ account. Plus, print from your Chromebook™ and Google Chrome™ without installing drivers or connecting cables. It's now even easier to share your Google content from anywhere.

Fast print speeds

PrecisionCore technology ensures each nozzle on the print head delivers up to 50,000 droplets per second. The result? Fast print speeds that rival those of more expensive colour lasers. The WorkForce Pro WF-C5790 delivers professional quality, two-sided colour prints at super-fast print speeds, making it easy to increase productivity, without compromising quality. Featuring print speeds of up to 24 ppm† (mono) and 24 ppm† (colour), any project can be handled with speed and ease.

Ultra-efficient paper handling

The WorkForce Pro WF-C5790 boasts a total input capacity of 330 sheets, including an 80-page rear tray for envelopes, labels and specialty media for efficient paper handling. Additionally, the two-sided Automatic Document Feeder will copy and scan one- and two-sided originals. An optional 500 sheet paper tray is available to increase paper capacity to 830 pages if required.

Smart touch panel

The WorkForce Pro WF-C5790 features a large, intuitive Touch panel for quick and easy navigation through critical tasks. Smart and simple icons make any task easy by saving an often-used, repetitive task (copy, scan, email or fax) as an easy to see, easy to use pre-set on the operator panel

Convenient scanning features

The WorkForce Pro WF-C5790 will scan and save electronic copies of printed reports, or turn documents into editable text, with the bonus OCR software that's included in the box. Additional features include scan-to-PDF, and the wireless connection enables the user to select a computer to send a file to the printer's USB port, and allows files to be uploaded straight to the PC.

Change supplies less often

With the extra-large, high capacity replacement 938XL Black ink supply, users can print up to 10,000 pages without changing the ink packs. Also available are a range of other ink supply bags to suit your monthly print volume.

[†] 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. See www.epson.com.au/printspeed for details.

¹ Save up to 62% on colour costs: comparison of 24 A4 colour mfps up to 29ppm in the Australia marketplace as at April 2018

² The device ships with an initial ink starter pack. Replacement ink packs last up to 10,000 pages for mono, and 5,000 pages for colour. Yields will vary according to page coverage, device usage and other factors

³ Epson PrecisionCore devices do not use a fuser nor heat in the printing process, as a result are up to 85% more energy efficient compared with laser printers. No fuser also eliminates the need to warm-up, saving up to 30 seconds in actual print time from sleep mode.

⁴ Not all paper types are supported under PCL mode

⁵ WiFi performance may vary subject to the range of the router being used. WiFi-Direct may require printer software

Specification

PRINTER

PRINTER TYPE

WorkForce Pro WF-C5790	C11CG02501
PRINTING METHOD	Precision Core™ Print Head
NOZZLE CONFIGURATION	800 nozzles Black, 800 nozzles per colour (Cyan, Yellow, Magenta)
MINIMUM INK DROPLET VOLUME	3.5 Picolitres, with variable-sized droplet technology

RESOLUTION

4800 x 1200 optimised dpi

PRINT SPEED

BLACK - SINGLE SIDED PRINTING	24.0 ISO ppm*
COLOUR - SINGLE SIDED PRINTING	24.0 ISO ppm*
BLACK - 2 - SIDED PRINTING	15.0 ISO ppm*
COLOUR - 2 - SIDED PRINTING	15.0 ISO ppm*

*According to ISO/IEC24734 test suite. [Click here for details on ISO testing.](#)

PAPER HANDLING

PAPER FEED METHOD	Friction feed with paper feeder and automatic document feeder
PAPER SIZES	A4, A5, B5, A6, Legal, 13 x 18cm, 10 x 15cm, 9 x 13cm, 13 x 20cm, 20 x 25cm Envelopes: C6, No 10, DL
PAPER HOLD CAPACITY	Paper tray input capacity: 330 pages (250 sheet cassette, +80 sheet rear tray) A4 Plain paper (80g/m ²) / Output Tray : 150 pages
DOUBLE-SIDED PRINTING	Yes (internal)

SCANNER

SCANNER TYPE

A4 Flatbed and automatic duplex colour scanner

DOCUMENT SIZE	Up to A4 (216mm x 297mm)
PIXEL DEPTH	48-bit colour input / 24-bit colour output
SCANNING RESOLUTION	1200 x 2400dpi
SCAN FEATURES	Scan to PC (via Document Capture Pro), Scan to Cloud (requires internet connection), Scan to memory device, Scan to Network folder, Scan and save password-protected PDFs

COPY FUNCTION

COPY MODES

COPY MODES	Colour Black / White Draft Normal
COPY SIZE	8.5" x 14" (maximum)
COPY FEATURES	Automatic 2-sided Preview ID card copy Fit to page Automatic reduction & enlargement Adjustable copy density

FAX

TRANSMISSION & RECEPTION

TYPE	Colour and mono support
TRANSMISSION SPEED	Up to 33.6kbs (approx. 3 secs per page)
SPEED DIAL	Up to 200 Names & Numbers
MEMORY	Up to 550 pages (ITU-T No.1 chart)
PC FAX* Windows only	Yes (transmission / receive)

AUTOMATIC DOCUMENT FEEDER FUNCTION

MAXIMUM DOCUMENT SIZE	A4
PAPER TYPES SUPPORTED	Plain paper 75~95g/m2
PAPER CAPACITY	Up to 50 pages (Plain paper only)
DUPLEX Support	Yes - for automatic two-sided scanning, copying and faxing

GENERAL**OPERATING SYSTEMS**

PRINTER DRIVERS*	Mac OS 10.10.x, Mac OS 10.7.x, Mac OS 10.8.x, Mac OS 10.9.x, Mac OS X, Mac OS X 10.11.x, Mac OS X 10.12, Mac OS X 10.12.x, Mac OS X 10.6.8, Microsoft Windows Vista (32/64 bit), SAP, Windows 10, Windows 7, Windows 7 x64, Windows 8, Windows 8 (32/64 bit), Windows 8.1, Windows Server 2003 R2 x64, Windows Server 2008 (32/64bit), Windows Server 2008 R2, Windows Server 2012 (64bit), Windows Server 2012 R2, Windows Server 2016, Windows Vista, Windows Vista x64, Windows XP SP2 or higher, Windows XP SP3, Windows XP x64, Windows server 2003 R2, XP Professional x64 Edition, XP Professional x64 Edition SP2
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* Drivers if available are downloadable from [Tech Epson](#)

ELECTRICAL SPECIFICATIONS

RATED VOLTAGE	AC 100 ~ 240V
RATED FREQUENCY	50 ~ 60Hz
POWER CONSUMPTION	25 W (standalone copying, ISO/IEC 24712 pattern), 1.5 W (sleep mode), 12 W (Ready), 0.2 W (Power off), ENERGY STAR® qualified, TEC 0.2 kWh/week

NOISE LEVEL

NOISE LEVEL*	Operation: 54 dB (A)
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*According to ISO7779 Pattern with Premium Glossy Photo Paper / Photo RPM mode.

INTERFACES

CONNECTIVITY	Wireless LAN IEEE 802.11b/g/n, Wi-Fi Direct, USB 1.1 Type A (2x), Hi-Speed USB - compatible with USB 2.0 specification, Ethernet Interface (1000 Base-T/ 100-Base TX/ 10-Base-T), Near Field Communication (NFC)
CONTROL	Touchscreen, Direct Print, Direct scan-to-print without PC, Direct print from USB Type: Colour, Touchscreen, Diagonal: 10.9 cm

ADDITIONAL PRINTER SOFTWARE

SOFTWARE TOOLS	Epson Document Capture Pro (Windows only)
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WARRANTY

	12 months return to base	Standard
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Epson Warranty**DIMENSIONS**

PRODUCT DIMENSIONS	425mm (W) x 535mm (D) x 357mm (H)
WEIGHT	12.8kg

INK CARTRIDGES & YIELDS

INK TYPE	DURABrite Ultra pigment ink (smudge, fade and water resistant)
INK PALLETTE	Cyan, Magenta, Yellow and Black
INK CARTRIDGE CONFIGURATION	4 Individual Ink Cartridges (Note Units are shipped with initial ink bags)
FADE RESISTANCE / PRINT LONGEVITY	Up to 118 years ¹

REPLACEMENT INK CARTRIDGES

XL SIZE INK	Black Ink Supply Unit (10,000 page Yield)
L SIZE INK	Black Ink Supply Unit (5,000 page Yield) / Colour x 3 Ink Supply Unit (5,000 page Yield)
STD SIZE INK	Black Ink Supply Unit (3,000 page Yield) / Colour x 3 Ink Supply Unit (3,000 page Yield)

This printer is designed to function only with genuine Epson ink cartridges and not with third party ink cartridges. The printer may not function properly or at all if you use third party ink cartridges.

^According to ISO/IEC24711 and 24712 test suite. [Click here for details on ISO testing. \(PDF\)](#)

¹Display 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.

Usage Conditions

Epson products are designed and made to give highly reliable use and long life when used according to its specifications. With any system, product or device used in situations where human life may be involved or at risk, Epson advises that you should take all necessary steps to ensure the suitability of your Epson product for inclusion in your system, and recommends that you include fail-safe procedures and redundancy support or backup equipment in your system, to maintain the maximum safety margin and optimum system reliability. Examples include but are not limited to – do not interfere with any electrical components within the device, do not use items supplied with the product for purposes other than as intended by Epson (ie mains cords, inks, CDs, plastic wrapping) and do not make modifications to the product.

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Consumables**INK CARTRIDGES****PRODUCT CODE**

<u>Black Ink Extra Large (XL) Pack to suit WF-C5290/WF-C5790 (10,000 page Yield*)</u>	C13T938192
<u>Black Ink Large Pack to suit WF-C5290/WF-C5790 (5,000 page Yield*)</u>	C13T937192
<u>Black Ink Standard Pack to suit WF-C5290/WF-C5790 (3,000 page Yield*)</u>	C13T936192
<u>Cyan Ink Large Pack to suit WF-C5290/WF-C5790 (5,000 page Yield*)</u>	C13T937292
<u>Cyan Ink Standard Pack to suit WF-C5290/WF-C5790 (3,000 page Yield*)</u>	C13T936292
<u>Epson L Black Ink Supply unit (5,000 pages Yield)</u>	C13T97192
<u>Magenta Ink Large Pack to suit WF-C5290/WF-C5790 (5,000 page Yield*)</u>	C13T937392
<u>Magenta Ink Standard Pack to suit WF-C5290/WF-C5790 (3,000 page Yield*)</u>	C13T936392
<u>Yellow Ink Large Pack to suit WF-C5290/WF-C5790 (5,000 page Yield*)</u>	C13T937492
<u>Yellow Ink Standard Pack to suit WF-C5290/WF-C5790 (3,000 page Yield*)</u>	C13T936492
GENUINE Epson PAPERS	PRODUCT CODE
<u>4" x 6" Photo Paper Glossy - 100 Sheets (200gsm)</u>	S042548
<u>4" x 6" Photo Paper Glossy - 20 Sheets (200gsm)</u>	S042546
<u>4" x 6" Photo Paper Glossy - 50 Sheets (200gsm)</u>	S042547
<u>4" x 6" Photo Paper Glossy - 500 Sheets - 200gsm</u>	S042549
<u>4" x 6" Premium Glossy Photo Paper - 20 Sheets (255gsm)</u>	S041706
<u>4" x 6" Premium Glossy Photo Paper - 50 Sheets (255gsm)</u>	S041729
<u>4" x 6" Ultra Glossy Photo Paper - 50 Sheets (300gsm)</u>	S041943
<u>5" x 7" Photo Paper Glossy - 20 Sheets (200gsm)</u>	S042544
<u>5" x 7" Photo Paper Glossy - 50 Sheets (200gsm)</u>	S042545
<u>5" x 7" Premium Glossy Photo Paper - 20 Sheets (255gsm)</u>	S041464
<u>A4 Matte Paper Heavy Weight - 50 Sheets (167gsm)</u>	S041256
<u>A4 Photo Paper Glossy - 100 Sheets (200gsm)</u>	S042540
<u>A4 Photo Paper Glossy - 20 Sheets (200gsm)</u>	S042538
<u>A4 Photo Paper Glossy - 50 Sheets (200gsm)</u>	S042539
<u>A4 Photo Quality Inkjet Paper - 100 Sheets (102gsm)</u>	S041061
<u>A4 Ultra Glossy Photo Paper - 15 Sheets (300gsm)</u>	S041927
<u>Epson Photo Paper 250gsm Premium Semigloss A4 Sheets (20pcs)</u>	S041332
<u>Epson Photo Paper 255gsm Premium Gloss A4 Sheet Media (20pcs)</u>	S041287
ACCESSORIES & OPTIONS	PRODUCT CODE
<u>USB 2.0 Cable Type A to B - 2m</u>	USB2M31645
<u>USB 2.0 Cable Type A to B - 5m</u>	USB5M31647
<u>RJ12 Fax Phone Cable - 2m</u>	PHF2M34223

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