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Epson WorkForce Pro WF-C878R

Business Printers

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Overview

KEY FEATURES & BENEFITS

First-in-class Replaceable Ink Pack System* – print or copy up to 86,000 mono and 50,000 colour pages without changing the ink[1]

High-quality output – brilliant colour accuracy and sharp black text

Fast print speeds – up to 25 ISO ppm (mono), 24 ISO ppm (colour)[†]

More prints, lower printing costs – Epson ink lasts up to 4.3 times longer[2] than its competition to reduce staff distruptions and lower the overall cost of printing

Productive – auto two-sided print, copy, scan, fax, plus auto media size detection

Easy setup and IT features– seamless network integration, plus security features; PCL[3] and PostScript® 3 support

Flexible media handling – large-format prints — up to 13" x 19", plus 80-sheet rear feed for specialty media and paper sizes; up to 330 sheets total paper capacity

Built-in networking and wireless performance – includes Ethernet, wireless b/g/n5 and Wi-Fi Direct®[4]; easily print from tablets and smartphones[5]

Designed for use exclusively with Epson ink packs
Printer supplied with Initialisation Ink Supply Units only. Yields achieved with replacement pack purchase.

Powerful & professional printers that drive productivity for business & Enterprise
The Epson WF-C878R workgroup printer enables offices to benefit from the increased productivity of a local distributed print fleet that requires minimal intervention, while providing predictable print costs.

Minimise Interventions
Thanks to this printer's super-high-yield ink supply units maintenance is simple. Comparable laser printers will need new toners, sometimes as often as every 12,000 prints. The WorkForce WF-C878R deliver outstanding results with high capacity ink packs lasting up to 86,000 pages for mono, and 50,000 pages for colour.

Also, smaller capacity ink is available that can enable up to 20,000 printed pages in mono and colour. The supply units lead to low intervention and no time-wasting interruptions. Supplies management is made simple, supplies waste is greatly reduced and lower IT support costs are achieved.

Built for business
Heat-free PrecisionCore technology powers the output quality that Epson is known for, at the speeds required for office, commercial and industrial printing. Prints dry fast thanks to the DURABrite Ultra Pro ink. PDL printing emulations, including PCL and Adobe PostScript 3, and Gigabit Ethernet help this printer easily integrate into the business environment. Its Wi-Fi Direct® capability also lets you print from supported wireless devices without connecting to a router.

DURABrite
Pro
INK

Energy efficent
The WF-C878R uses up to 87 percent less power than competitive colour lasers thanks to its no heat technology. No ozone gas is emitted, and an improved quiet print mode and no fan noise during or after printing make it ideal for the working environment. And there are fewer parts to replace than a laser.

PrecisionCore Inkjet Technology
Introducing heat-free PrecisionCore, the next generation of inkjet 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 does not use heat to eject ink and 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, and no heat also means less power consumption, fewer consumables and less intervention, which saves you time and money

High performance, low intervention
Keep your business moving with WorkForce Pro RIPS. Forget frequent time-wasting interruptions to change consumables, deal with supplies mis-management, fix problems or wait for IT support. Just concentrate on smooth, on-demand business printing.

Predictable print costs
Available as part of a Managed Print Service, WorkForce Pro RIPS printers can help to create a distributed printer fleet that both handles the demands of busy workgroups and delivers predictable print costs.

Proximity and security
The benefits of a distributed printer fleet include easy access, confidentiality and control, which all contribute to enhanced workflow. The local distributed print model is particularly useful where confidentiality and fast, direct access to prints is crucial. This includes senior management, legal and HR environments, and customer-facing staff like teachers, doctors, nurses and retail staff who can't leave customers, patients or students while they go off to pick up prints.

Fast print speeds
Heat-free 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 colour lasers. The WorkForce Pro WF-C878R delivers professional quality, two-sided colour prints at super fast print speeds, making it easy to increase productivity, without compromising quality. Boasting drastically improved print speeds of up to 25 ISO ppm (mono) and 24 ISO ppm[†] (colour), any project can be handled with speed and ease.

Higher colour resolution vs. colour laser printers and versatility
Packing a greater number of nozzles into a smaller surface area, this high-resolution inkjet printhead, along with heat-free PrecisionCore technology, gives you ultra-sharp text, as well as stunning graphics and images — all with smooth gradations on both plain and specialty paper.

Ultra efficient paper handling and versatility
The WorkForce Pro WF-C878R boasts a total of 330 sheet capacity including an **80-page rear tray** for envelopes, labels and specialty media for efficient paper handling.

Extremely durable prints
Heat-free PrecisionCore technology enables the use of advanced ink formulations, **DURABrite®Pro Ultra Ink**. This innovative, pigment based 4 colour ink set, along with heat-free PrecisionCore printing technology delivers smudge, fade and water resistant prints that are highlighter friendly too.

Laser-sharp black and colour text
Delivering perfectly round droplets and extremely accurate dot placement, these remarkable print heads ensure extraordinary output, whatever the application delivering brilliant, ultra-sharp text on plain and specialty papers.

Simple wireless connectivity
Connect to your wireless[4] network in a snap — even the latest wireless standard, 802.11 n, is supported. No network? No problem. Wi-Fi Direct means no router is required[6] 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 your network quick and easy.

Productivity anytime, anywhere
Easily print from your tablet or smartphone using Epson Connect™. Supports Android™, Apple® iPad and iPhone, Chromebook™, Kindle Fire™, 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.

Save energy, save paper
The WorkForce Pro WF-C878R includes features such automatic, two-sided printing whereby users can save up to 50% on paper supply.

[†] Mono 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.

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.

[1] XL Black ink pack prints up to 86,000 pages. XL Colour Packs print up to 50,000 pages. Actual number of pages will vary. Replacement ink pack yields are based on testing with ISO/IEC 24712 patterns with Epson's methodology in Default mode, printing continuously. Yields may vary considerably for reasons that include images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink colour. All ink colours are used for printing and printer maintenance. For print quality, part of the ink from the included cartridges or ink packs is used for printer startup and a variable amount of ink remains in the ink pack after the "replace ink pack" signal appears. Printer shipped with initial cartridges. Yields achieved with additional purchased ink packs.

[2] 4.3 times more prints is comparing Epson high-yield inks (86,000 pages black / 50,000 colour) with the 20,000 page yield average of a competitor model in the top 7 highest selling A3 colour MFDs in the 21-30ppm speed segment in the Australian market (Source :IDC November 2019).

[3] Not all media types are supported for PCL printing.

[4] WiFi CERTIFIED™, level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software.

[5] Most features require an Internet connection to the printer, as well as an Internet and/or email-enabled device. See **www.epson.com.au/connect** for a list of Epson Connect enabled printers and compatible devices and Apps.

Specification

PRINTER

TECHNOLOGY

WorkForce Pro WF-C878R	C11CH60501
PRINTING TECHNOLOGY	Heat Free PrecisionCore 4S printhead 4 Colour inkjet
INK TECHNOLOGY	Replaceable Ink Pack System (RIPS)
PRINTER LANGUAGE	Epson ESC/P®- R, PCL 5 emulation[3], PCL 6 emulation[3], PostScript 3
MINIMUM INK DROPLET SIZE	3 droplet sizes, as small as 3.7 picolitres
ALL-IN-ONE-FUNCTIONS	Print, Copy, Scan, Fax
CATEGORY	Workgroup

PRINT

PRINTING SPEED ISO/IEC24734	25 Pages/min mono, 24 Pages/min colour
DUPLEX PRINTING SPEED ISO/IEC24734	16 A4 Pages/min mono, 16 Pages/min colour
PRINTING RESOLUTION	4800 x 1200 dpi
COLOURS	CYAN, BLACK, MAGENTA, YELLOW

COPY

ISO COPY SPEED	Black 21 ISO cpm / Colour 21 ISO cpm
COPY QUALITY	Colour/Black and White : Standard/Best
COPY QUANTITY	999
MAXIMUM COPY SIZE	A3
COPY RESOLUTION (dpi)	600 x 1200
REDUCTION / ENLARGEMENT	25% ~ 400% Auto fit function
COPY FEATURES	Auto 2-sided, Preview, Resize, Collate, Adjustable copy density

PAPER HANDLING

PAPER FORMATS	A3+, A3, A4, A5, A6, B5, C4 (Envelope), C6 (Envelope), No. 10 (Envelope), Letter, 10 x 15 cm, 13 x 18 cm, 20 x 25 cm, 16:9, Legal
AUTO DOCUMENT FEEDER	50 pages
DUPLEX	Yes
OUTPUT TRAY CAPACITY	250 pages
PAPER TRAY CAPACITY	330 Sheet Standard, (Optional 3 x 500 sheet Trays can be added)
COMPATIBLE PAPER WEIGHT	64gsm ~256 gsm (Front Trays up to 200gsm)
REAR PAPER PATH (SPECIAL MEDIA)	Yes
COMPATIBLE PAPER WEIGHT	$64g/m^2 – 256g/m^2$

SCAN

SCANNER TYPE	Colour flatbed/Auto 2-sided ADF
PHOTOELECTRIC DEVICE	Colour CIS line sensor
SCAN SPEED	25ppm / 45ipm (@300dpi, A4)
OPTICAL RESOLUTION	1200 dpi
HARDWARE RESOLUTION	1200 x 2400 dpi
MAXIMUM RESOLUTION	9600 x 9600 dpi interpolated
SCANNER BIT DEPTH	30-bit colour input / 24-bit colour output
ADVANCED DOCUMENT INTEGRATION	E-mail, FTP, Network folders, Computer (Epson Document Capture Pro), Microsoft SharePoint with Epson Document Capture Pro, USB Memory Device / Card, Password Protected PDF's, Address book via LDAP

FAX

TYPE OF FAX	Walk-up black and white and colour capability
FAX TRANSMISSION SPEED	Up to 33.6kbps / Approx 3 sec/page
PAGE MEMORY	Up to 550 pages / 6MB (ITU-T No.1 Chart)
FAX SPEED DIALS (MAX)	200 names and numbers

FAX FUNCTIONS	PC-Fax, Fax to email, Memory reception, Auto redial, Speed dial
ERROR CORRECTION MODE	CCITU/ITU Group3 fax with Error Correction Mode

GENERAL

OPERATING SYSTEMS

PRINTER DRIVERS*	Windows® 10 (32-bit, 64-bit), Windows 8.1 8 (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 2019, 16, 027, Windows Server 2008 R27, Windows Server 20087, Windows Server 2003 R27, Windows Server 20037, Mac® OS X® 10.6.8 – 10.11.x8 Mac OS X Server8

* Drivers if available are downloadable from **Tech Epson**

ELECTRICAL SPECIFICATIONS

RATED VOLTAGE	AC 100 ~ 240V Universal (Automatic)
RATED FREQUENCY	50 ~ 60Hz
POWER CONSUMPTION	Approx. 42W Standalone copying (ISO/IEC 24712) Approx 1.6W (Sleep Mode) TEC Value: 0.21kWh

NOISE LEVEL

NOISE LEVEL*	Power: 6.6 dB(A) Pressure: 51 dB(A)

CONNECTIVITY

STD CONNECTIVITY	Hi-Speed USB - compatible with USB 3.0 specification, Ethernet Interface (1000 Base-T/ 100- Base TX/ 10-Base-T), USB host, Wireless LAN IEEE 802.11b/g/n, Wi-Fi Direct
NETWORK PRINTING PROTOCOLS	LPR, FTP, IPP, LDP, Port 9100, WSD, Net BIOS over TCP/IP, TCP/IPv4, TCP/IPv6, IPSec
NETWORK MANAGEMENT PROTOCOLS	SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNTP, SSDP, Ping, SLP, WSD, LLTD, IEEE 802.1X
CONTROL PANEL	12.7cm LCD Touchscreen
WLAN SECURITY	WEP 64 Bit, WEP 128 Bit, WPA PSK (AES), WPA2 Enterprise

PRINTER SOFTWARE (AVAILABLE ON CD-ROM ONLY)

SOFTWARE TOOLS	Epson Printer Driver PCL 5 Driver, PCL 6 Driver emulation, PostScript 3

WARRANTY

STANDARD WARRANTY	12 Months (on-site) – Please refer to **Epson Warranty Terms and Conditions**

DIMENSIONS

PRODUCT DIMENSIONS	621mm x 656mm x 768mm (Width x Depth x Height) – Printing
WEIGHT	63.4 Kg

INK PACKS & YIELDS

INK TYPE	DURABrite Ultra pigment ink (smudge, fade and water resistant)
INK PALLETTE	Cyan, Magenta, Yellow and Black
INK PACK CONFIGURATION	4 Individual Ink Packs
FADE RESISTANCE / PRINT LONGEVITY	Up to 118 years*

INK YIELD INFORMATION

CAPACITY YIELD^	**LARGE** - B100 Black, (86,000 pages) B200 Cyan, B300 Magenta, T974 Yellow (50,000 pages) **STANDARD** - A100 Black, A200 Cyan, A300 Magenta, A400 Yellow (20,000 pages)

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)**

*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.

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
Epson Black Ink Pack Large	C13T05B100
Epson Black Ink Pack Standard	C13T05A100
Epson Cyan Ink Pack Large	C13T05B200
Epson Cyan Ink Pack Standard	C13T05A200
Epson Magenta Ink Pack Large	C13T05B300

Epson Magenta Ink Pack Standard	C13T05A300
Epson Yellow Ink Pack Large	C13T05B400
Epson Yellow Ink Pack Standard	C13T05A400

GENUINE Epson PAPERS	PRODUCT CODE
4" x 6" Photo Paper Glossy - 100 Sheets (200gsm)	S042548
4" x 6" Photo Paper Glossy - 20 Sheets (200gsm)	S042546
4" x 6" Photo Paper Glossy - 50 Sheets (200gsm)	S042547
4" x 6" Premium Glossy Photo Paper - 20 Sheets (255gsm)	S041706
4" x 6" Premium Glossy Photo Paper - 50 Sheets (255gsm)	S041729
4" x 6" Ultra Glossy Photo Paper - 50 Sheets (300gsm)	S041943
5" x 7" Photo Paper Glossy - 20 Sheets (200gsm)	S042544
5" x 7" Photo Paper Glossy - 50 Sheets (200gsm)	S042545
5" x 7" Premium Glossy Photo Paper - 20 Sheets (255gsm)	S041464
A4 Matte Paper Heavy Weight - 50 Sheets (167gsm)	S041256
A4 Photo Paper Glossy - 100 Sheets (200gsm)	S042540
A4 Photo Paper Glossy - 20 Sheets (200gsm)	S042538
A4 Photo Paper Glossy - 50 Sheets (200gsm)	S042539
A4 Photo Quality Inkjet Paper - 100 Sheets (102gsm)	S041061
A4 Ultra Glossy Photo Paper - 15 Sheets (300gsm)	S041927
Epson Photo Paper 250gsm Premium Semigloss A4 Sheets (20pcs)	S041332
Epson Photo Paper 255gsm Premium Gloss A4 Sheet Media (20pcs)	S041287

ACCESSORIES & OPTIONS	PRODUCT CODE
USB 2.0 Cable Type A to B - 2m	USB2M31645
USB 2.0 Cable Type A to B - 5m	USB5M31647
RJ12 Fax Phone Cable - 2m	PHF2M34223
Maintenance Box for WF-C869R/C878R/C879R	C13T671400