A4 COLOUR MULTIFUNCTION PRINTER
WORKFORCE PRO EM-C800

EPSON

Fast and Efficient Printing with Flexible Adaptability.

The Epson WorkForce Pro EM-C800 combines fast, high-volume printing at 25 images per minute with a quick first page-out time of 4.8 secs for black and white. Its Heat-Free Technology and large capacity ink packs ensure energy efficiency and lower running costs with minimal maintenance. Its compact size offers flexible office placement. The printer features Epson Open Platform (EOP), which provides seamless integration with various software solutions, allowing for easy customisation and adaptability to evolving business needs and IT systems.

- UP TO 25 IPM — ISO Print Speed (Simplex)
- 50,000 — High Yield Ink Pack (Black)
- 20,000 — High Yield Ink Pack (Colour)
- Duplex Printing and Scanning
- DIRECT — Wi-Fi and Wi-Fi direct
- Ethernet
- Open Platform Enabled
- Epson Connect

ENGINEERED FOR good

GO GENUINE Original Supplies, Quality Prints

DURABrite Ultra INK

PRECISIONCORE HEAT•FREE

Fast, High-Volume Printing
Print up to 25 pages per minute with a fast first page-out time of 4.8 secs*, ideal for busy office environments.

Low-Cost, Minimal Maintenance
Reduce costs with energy-efficient technology and large ink packs, cutting down on maintenance and replacements.

Flexible Integration Capabilities
Easily integrate with various software using Epson Open Platform, adapting to your business needs.

* For black and white printing. The first page-out time for colour printing is 5.3 sec.

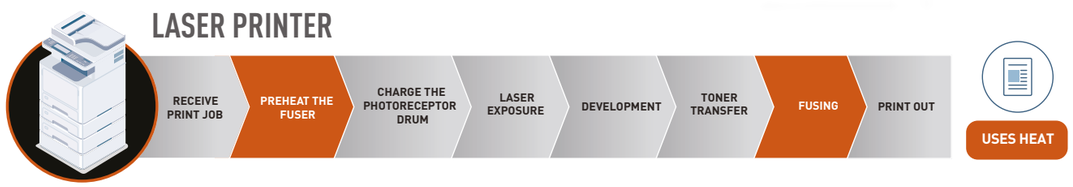
Fast, eco-friendly, and high-volume printing that seamlessly integrates into your office

Combining fast, reliable, and cost-efficient performance, the Epson WorkForce Pro EM-C800 is engineered to surpass laser printers with its innovative print system. Designed for eco-conscious businesses and compact office spaces, it features Heat-Free technology for energy savings and seamless integration with the Epson Open Platform. This printer offers superior productivity with high-volume printing capabilities to meet your evolving business needs.

PrecisionCore Heat-Free Technology

PrecisionCore represents the next generation of inkjet printhead technology, driving Epson's high-resolution inkjet printing. It combines advanced component technologies, cutting-edge MEMS* fabrication, and high-precision assembly processes developed over decades.

Epson's proprietary Micro Piezo technology, which utilises Heat-Free Technology, distinguishes our printers from the competition. Unlike traditional methods, our Heat-Free printers do not use heat in the ink ejection process. Instead, pressure is applied to the Piezo element, causing it to flex backwards and forwards, thereby ejecting the ink from the printhead.



* Testing was commissioned by Epson and conducted by Keypoint Intelligence. One specific model was selected from colour laser multi-function printers in the 65-70ppm class. Epson WorkForce Enterprise WF-C21000 with 100ppm (equivalent model in Europe was used during the evaluation). This data is as of September, 2020. Devices were tested in default mode as per Keypoint Intelligence's proprietary standard energy consumption test methods. Calculations were based on a weekday workload of 2 x 4 hours printing + 16 hours in sleep/standby mode, and weekend energy use of 48 hours in sleep/standby mode. A total of 69 pages of workload test pattern using DOC, XLS, PPT, HTML, PDF files and Outlook email messages were printed six times in each 4-hour printing period.

Lower Environmental Impact

The main body of the EM-C800 is made from up to 30%* recycled plastics, while not compromising on the compact size and performance of the printer. This makes it an environmentally friendly choice for businesses.

*The usage ratio of recycled plastic is subject to change depending on the availability of raw materials.

Maximised performance in a minimal footprint

The WorkForce Pro EM-C800 combines powerful performance with a compact design, making it perfect for small offices and front counters with limited space. Its space-saving footprint allows for efficient use of office areas without sacrificing print quality or speed. This sleek design not only frees up valuable desk space but also contributes to a more organised and professional work environment, enhancing overall productivity and user experience.

Superior Print Quality

The printer offers excellent print quality with a resolution of up to 4,800 x 1,200 dpi, producing sharp text and detailed images. Advanced Nozzle Verification Technology monitors and adjusts nozzle performance to sustain consistent print quality. This approach helps maintain clear and precise output while reducing the need for frequent maintenance.

Consistent Fast Printing Speed

With the EM-C800, experience fast print speeds of up to 25 ipm and a swift first page-out time of just 4.8 seconds in black and white. The printer's design ensures consistent high-speed printing, supported by a recommended monthly duty cycle of up to 5,000 pages. This combination promotes high productivity and reliable performance in demanding office environments.

Stress-free operation for effortless productivity

The EM-C800 is designed for hassle-free use with user-friendly features that streamline office tasks and boost productivity. Its intuitive interface, automatic maintenance systems, and seamless integration ensure smooth operation and minimal disruptions.

Automatic Duplex Scanning
Enjoy impressive scan speeds of up to 30 ppm (simplex) and 60 ipm (duplex). Conveniently scan both sides of a document in a single pass with dual CIS.

Reduce Downtime
Fuss-free access to ink packs and maintenance box for easy replacement of consumables.

Smart Interface
The intuitive 4.3-inch tiltable TFT colour touchscreen panel, enhanced with colour-coded functions, features a user-friendly interface that simplifies the operation of the printer.

Supports Authentication Device
Utilise compatible ID card readers to enhance the security of print management.

Expandable Paper Capacity
Expand paper handling capacity to up to 1,830 sheets by adding up to three additional paper cassette trays.

Fewer interruptions and lower costs with high-capacity ink packs

The EM-C800 offers a stress-free experience with high-capacity ink packs that print up to 50,000 pages in black or 20,000 pages in colour without interruption, minimising the need for frequent consumable changes. This reduces waste and requires less user intervention. Additionally, the fast-drying pigment ink is water-resistant, protecting your prints from accidental spills, while Epson's DuraBrite Ultra ink ensures laser-like quality that is resistant to water, fading, and smudging, providing durable and reliable results.

DURABrite Ultra INK

High capacity ink packs
Up to **20,000** pages in colour
Up to **50,000** pages in black

Standard capacity ink packs
Up to **5,000** pages in colour
Up to **10,000** pages in black

Streamlined software for greater integration

Take advantage of remote management, customise print options and enjoy seamless compatibility with the Epson WorkForce Enterprise. Integrate these into your existing IT infrastructure to improve productivity and increase efficiency. For more information, please visit www.epson.com.sg/software-solutions.

Epson Solutions Suite

Fleet Management

Epson Device Admin
Simplify the installation, configuration and management of networked devices. Automatically discover, monitor and update devices across the network. Setup automatic alerts and customised reports to minimise downtime and optimise printing cost.

Epson Remote Service (ERS)
Remotely monitor the device status and consumable levels, enabling IT managers and service partners to manage registered devices conveniently. Receive automatic alerts when devices encounter issues, providing accurate data to minimise downtime and generate usage reports for billing and expenditure tracking.

Print and Scan Management

Epson Print Admin
Enhance document security through authentication with a server for managing prints and preventing misuse. Improve convenience by releasing print jobs on any available printer and distributing documents automatically by each user's account. Reduce printing cost by setting printing rules and quotas. Various reports can be generated for cost management and tracing.

Epson Print Admin – Advanced Workflows
Apply detailed settings to scan function, convert documents to searchable PDF, automate document processing with job separation & indexing and support scan output to Enterprise Cloud storage Microsoft OneDrive, SharePoint Online and Google Drive.

Document Management

Document Capture Pro
Automate workflows and manage documents conveniently with one touch preset buttons.Create customised scan jobs and apply OCR to make documents searchable by keywords or convert them into editable formats like DOCX, XLSX, and PPTX. Sort documents into folders and by file naming by various methods and allows users to locate and track documents with indexing function.

Document Capture Pro – Enhanced OCR
Improve the OCR capabilities of MFPs with Kofax OCR engine and extends character recognition to support up to 29 languages, including Asian language characters. Capture multiple areas of a document with user-defined index function by OCR or barcode detection and export it to a file.

Epson Open Platform

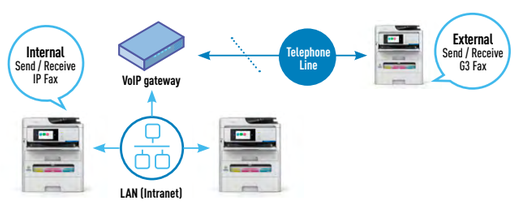
Expand the capability of the printer by integrating with embedded solutions. Allows ISV to integrate printers into their software for customised solutions.

Application Server

Open Platform supported device

Printer Options

IP-Fax
Enables sending and receiving fax through IP address. This choice also requires installation of Super G3/G3 Multi Fax Board option.



Cloud & Mobile Solutions

Mobile App

Epson Smart Panel
Control the MFP to print and scan directly from your smart device with access to popular cloud storage services.

Epson Connect Services

Epson Email Print
Send a print job to any Email Print-enabled Epson printer from any device that can send an email.

Remote Print Driver
Print to an Email Print-enabled printer anywhere in the world via the internet with advanced settings from a PC or the Epson Smart Panel mobile app.

Scan to Cloud
Send documents through the cloud service directly from the popular cloud storage services without a PC or email server.

Fax to Cloud
Forward received fax documents to an email address or popular cloud storage services.

Driverless Solutions:

• Apple AirPrint • Mopria™ • Microsoft Universal Print • ChromeOS

SPECIFICATIONS

Model Number	EM-C800
SKU Code	C11CK19502
Printer Type	Print, Scan, Copy, Fax with ADF
Printing	
Printing Technology	PrecisionCore™ Printhead
Nozzle Configuration	800 nozzles each colour (Black, Cyan, Magenta, Yellow)
Print Direction	Bi-directional printing
Maximum Resolution	4,800 x 1,200 dpi
Maximum Ink Droplet Volume	3.8 pl
Print Speed	
Draft Text – Memo, A4[*1]	Up to 34 ppm
ISO 24734, A4 Simplex	Up to 25 ppm
ISO 24734, A4 Duplex	Up to 16 ppm
First Page Out Time	Approx. 4.8 sec (Black) / 5.3 sec (Colour)
Printer Language	ESC/P-R
Emulation	PCL5 / PCL6, Compatible with PostScript® Level 3
Maximum Monthly Duty Cycle[*2]	Up to 70,000 pages / month
Recommended Monthly Duty Cycle[*3]	Up to 5,000 pages / month
Automatic 2-sided Printing	Yes (up to A4)
Copying	
Copy Speed (Black / Colour)	
ISO 29183, A4 (Flatbed Copy)	Up to 22 ipm
ISO 24735, A4 (ADF, 1:1)	Up to 22 ipm
ISO 24735, A4 (ADF, 1:2, 2:2)	Up to 14 ipm
Copy Quality	Text, Text & Image, Photo, Text & Image (Best), Barcode
Maximum Copies from Standalone	Up to 999 copies
Reduction / Enlargement	25 – 400%, Auto Fit Function
Maximum Copy Resolution	600 x 1,200 dpi
Maximum Copy Size	Legal
Copy Paper Size (Flatbed)	Legal, Indian-Legal, 8.5x13in, Letter, A4, B5, A5, B6, A6, 16K, 13x18cm, 16:9 Wide, 10x15cm, Envelopes: #10, DL, C4, C6
Scanning	
Scanner Type	Flatbed colour image scanner
Sensor Type	CIS x 2
Optical Resolution	1,200 x 2,400 dpi
Maximum Scan Area	216 x 297 mm (8.5” x 11.7”)
Scanner Bit Depth	
Colour	48-bit input, 24-bit output
Greyscale	16-bit input, 8-bit output
Black & White	16-bit input, 1-bit output
Scan Destinations	Scan to Network Folder/FTP, Scan to Email, Scan to Memory Device, Scan to Computer (Document Capture Pro), Scan to Computer (WSD), Scan to Cloud (Epson Connect)
Scanner Speed (Monochrome and Colour)	
200 dpi Flatbed	5.0 sec
ADF (Simplex / Duplex)	30 ppm / 60 ipm
Scanner Compatibility	TWAIN, WIA, ICA
ADF Function	
Support Paper Thickness	64 – 95 g/m²
Paper Capacity	50 sheets
Automatic 2-sided Scan / Copy / Fax	Yes (1-pass Duplex)
Fax Function	
Type of Fax	Walk-up black-and-white and colour fax capability
Receive Memore / Page Memory	6 MB, up to 550 pages (ITU-T No.1 chart)
Communication Standards	CCITT/ITU G3, SuperG3 (V34)
Error Correction Mode	ITU-T T.30
Fax Speed (Data Transfer Rate)	Up to 33.6kbps, Approx. 3 sec/page
Fax Resolution	Up to 200 x 200 dpi
Transmission Paper Size	
Flatbed	Half Letter, A5, Letter, A4
ADF	A5 to A4 / Legal
Receiving Paper Size	A5, A4, B5, Letter, Legal
Speed Dial / Group Dial	Up to 2,000 dials, 200 groups
Fax Features	PC Fax (Transmission / Receive), Automatic Redial, Address Book, Transmit Reservation, Broadcast Fax (Mono only), Polling Reception, Fax Preview, Fax to E-mail, Memory Reception, Fax to Folder
USB Host Function	
USB Host	Yes
Type of Direct Printing	Memory Devices
Direct Print Paper Size	10x15cm, 13x18cm, 16:9 Wide, A4, A5, A6, Legal, 8.5x13in, Indian-Legal, Letter, B5, B6, 16K, Envelopes: #10, C4, C6, DL
Paper Handling	
Paper Feed Method	Friction Feed
Number of Paper Trays	2 (Front: 1, Rear: 1)
Paper Hold Capacity	
Standard Input Capacity	Up to 330 sheets (80 g/m²) (Paper Cassette 1: 250 sheets, Rear Tray: 80 sheets)
Maximum Input Capacity	Up to 1,830 sheets (80 g/m²) (Paper Cassette 1: 250 sheets, Paper Cassette 2 – 4: 500 sheets, Rear Tray: 80 sheets)
Output Capacity	Plain Paper: Up to 150 sheets (80 g/m²), Photo Paper: Up to 20 sheets

SPECIFICATIONS

Model Number	EM-C800	
Supported Paper Size		
Plain Paper	A6, A5, A4, Half Letter, Executive, Letter, 8.5 x 13”, Indian-Legal, Legal, B6, B5, 100 x 148, 16:9 wide, 16K	
Photo Paper	3.5 x 5”, 4 x 6”, 5 x 7”, 8 x 10”	
Envelopes	#10, DL, C6, C4[*] (*Supported on Rear Tray only)	
Maximum Paper Size (Rear Tray)	215.9 x 6,000 mm (8.5 x 236.2”)	
Supported Paper Weight	64 – 255 g/m²	
Print Margin	3mm top, left, right, bottom	
Interface		
USB	USB 2.0	
Network	Ethernet (10Base-T/100Base-TX/1000Base-T), Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct (up to 8 devices)	
Wi-Fi Security	WEP (64bit/128bit), WPA2-PSK (TKIP/AES), WPA2-Enterprise, WPA3-SAE (AES), WPA3-Enterprise	
Network Protocol	TCP/IPv4, TCP/IPv6, LPD, IPP, PORT9100, WSD	
Network Management Protocols	SNMP, HTTP, DHCP, BOOTP, APIPA, PING, DDNS, mDNS, SNTP, SLP, WSD, LLTD	
Security Functions	Access Control, LDAP Address Book, IPsec/IP Filtering, Panel Lock, Confidential Job, SSL/TLS, IEEE 802.1X Authentication	
Mobile and Colour Printing		
Mobile App	Epson Smart Panel	
Epson Connect	Epson Email Print, Remote Print Driver, Scan to Cloud, Fax to Cloud	
Driverless Solutions	Apple AirPrint, Mopria Print Service, Microsoft Universal Print, ChromeOS	
Control Panel		
LCD Screen	4.3” TFT Colour LCD Touch Panel	
Printer Software		
Supported Operating Systems	Windows 7 / 8 / 8.1 / 10 / 11, Windows Server 2008 / 2012 / 2016 / 2019 / 2022 Mac OS X 10.10.x or later, macOS 11.x or later	
Supported Software Solutions	Epson Device Admin, Epson Remote Services (Embedded), Epson Print Admin, Document Capture Pro	
Electrical Specifications		
Rated Voltage	AC 220 – 240V	
Rated Frequency	50 – 60 Hz	
Typical Electricity Consumption (TEC) Value	0.19 kW/h	
Power Consumption		
Operating	30.0W	
Standby	13.8W	
Sleep	1.1W	
Power Off	0.2W	
Noise Level		
PC Printing / Plain Paper Default [*4]	6.5 B(A) / 51 dB(A)	
PC Printing / PGPP Best Photo [*4]	5.0 B(A) / 36 dB(A)	
Consumables & Options	**Page Yield** [*5]	**Order Code**
Standard Capacity Black Ink Pack	10,000 pages	C13T12L100
Standard Capacity Cyan Ink Pack	5,000 pages	C13T12L200
Standard Capacity Magenta Ink Pack		C13T12L300
Standard Capacity Yellow Ink Pack		C13T12L400
High Capacity Black Ink Pack	50,000 pages	C13T12M100
High Capacity Cyan Ink Pack	20,000 pages	C13T12M200
High Capacity Magenta Ink Pack		C13T12M300
High Capacity Yellow Ink Pack		C13T12M400
Maintenance Box	–	C12C938211
Paper Feed Roller for Cassette A	–	C12C938261
Paper Feed Roller for Cassette B	–	C12C938281
Optional Single Cassette - P2	–	C12C937901
Authentication Device Table - P2	–	C12C939531
Software Solutions		**Order Code**
Epson Print Admin		7110574
Epson Print Admin Advanced Workflows		C12C938801
Document Capture Pro Enhanced OCR		C12C938761
Printer Options		**Order Code**
IP-Fax		C12C938841

[*1] Print speed (Pages Per Minute) is calculated when printed on A4 plain paper in the fastest mode. Print speed may vary depending on system configuration, print mode, document complexity, software, type of paper used and connectivity. Print speed does not include processing time on host computer.

[*2] The maximum number of printed pages per month based on the performance capabilities of the printer, including ISO rated print speeds and paper handling capabilities.

[*3] Epson recommends that the average number of printed pages per month not exceed the stated ranges for longer term print quality and reliability.

[*4] Default mode in accordance with ISO7779 for MFPs.

[*5] Yields based on ISO/IEC 24711/24712 tests in Default Mode printing continuously. Actual yields will be lower with higherdensity images, hot or dusty conditions, less frequent printing, or printing predominantly with one color. All ink colours are used for printing and printer/all-in-one maintenance, and all colours 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.

Dimensions & Weight

Weight: 21.3kg (47.0 lb)
(Excluding Consumables)

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Dealer’s Stamp

Information correct at time of printing.
Printed November 2024

Find out more at **www.epson.com.sg/enterpriseprinting** EpsonSingapore EpsonSingapore EpsonSoutheastAsia Epson Singapore EpsonSingapore

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Switch to Epson Heat-Free Business Inkjet Printers

PrecisionCore is the next-generation inkjet printhead technology driving Epson's inkjet resolution. It merges advanced key component technologies, state-of-the-art MEMS^ fabrication and high-precision assembly processes honed over decades.

Epson's proprietary Micro Piezo inkjet technology does not use heat in the ink ejection process. Instead, it relies on Heat-Free Technology, which sets our printers apart from the competition. This technology works by applying pressure to the Piezo element, causing it to flex backwards and forwards, thereby firing the ink from the printhead.

^MEMS (Micro Electro Mechanical Systems): Devices possessing mechanically driven elements, manufactured through the application of semiconductor processing technology.

Save time with consistent fast speed printing

No heat is required for warm-up, allowing the printer to start printing immediately. This efficient design ensures that you can begin your tasks without delay, maintaining a consistent and fast printing speed throughout your jobs.

Less power consumption saves energy and money

With no fuser unit to heat, reduce energy consumption by **up to 85%*** compared to laser printers, resulting in cost savings for electricity bills.

Fewer replacement parts, lower environmental impact

Uses **up to 59%** fewer replacement parts** than laser printers. No heat damage to the printhead.

Less intervention increases productivity

With fewer parts to replace and printheads that last longer, the amount of intervention is minimised, providing improved reliability and reduced downtime.

Amendment of the below clause is updated as of 1st November 2021.

* Testing was commissioned by Epson and conducted by Keypoint Intelligence. One specific model was selected from color laser multi-function printers in the 65-70ppm class. Epson WorkForce Enterprise WF-C21000 with 100ppm (equivalent model in Europe was used during the evaluation). This data is as of September, 2020. Devices were tested in default mode as per Keypoint Intelligence's proprietary standard energy consumption test methods. Calculations were based on a weekday workload of 2 x 4 hours printing + 16 hours in sleep/standby mode, and weekend energy use of 48 hours in sleep/standby mode. A total of 69 pages of workload test pattern using DOC, XLS, PPT, HTML, PDF files and Outlook email messages were printed six times in each 4-hour printing period.

** Testing was commissioned by Epson and conducted by Keypoint Intelligence. One competitor model was selected from worldwide best-selling vendor^ in the 65ppm and 70ppm colour laser multi-function printer. Epson Work Force Enterprise WF-C20600 with 60ppm (equivalent model in Europe was used during the evaluation). Consumables and periodic replacement parts required to print 1M pages. The weight includes all used consumables, periodical replacement parts and their packaging. Test printed pattern used was ISO24712.

^Source: IDC's Worldwide Quarterly Hardcopy Peripherals Tracker 2020Q2, Units Share by Company.