

WorkForce® Enterprise WF-C20590

A3 Network MFP

Print | Copy | Scan | Fax



Shown with optional trays

Multifunction

Workgroup

The ultra high-speed network MFP revolutionizing business productivity.

Breakthrough speed that takes business productivity to a whole new level — 100 ISO ppm[†], the fastest print speed in its class¹

Quality without compromise — advanced PrecisionCore® technology and a stationary line head deliver both speed and professional-quality output

Conserve energy — up to 50 percent lower power consumption than color lasers¹

Do more, with an intuitive user interface — scan to email or the cloud² — all from a user-friendly 9" touchscreen

Manage your printer fleet and keep costs in check — compatible with third-party software solutions for managing usage limitations, user authentication and more

Print from wherever business takes you — featuring Epson Connect™ solutions, with a full suite of mobile printing capabilities³

Optional professional finisher — the perfect solution for stacking, stapling and more

Expedite your workflow — 5,350-page maximum paper capacity⁴ (2,350 standard) for high-volume printing

Make an impact while minimizing costs — professional, high-resolution output (600 x 2400 dpi) from a cost-effective network MFP

Work smarter — dual-head, single-pass scanner simultaneously scans both sides of 2-sided documents at up to 110 ipm⁵



Print

Print Technology PrecisionCore 4-color (CMYK) drop-on-demand line head inkjet technology
Maximum Print Resolution 600 x 2400 dpi
Print Speed† 100 ISO ppm (black/color) simplex, 100 ipm (black/color) duplex
Print Features Simplex, Duplex, Collating, Rotate-sort, Mixed Paper Sizes, Secure Printing, Watermark, Poster Printing

Mobile Printing and Scanning

Epson Connect Solutions³ Epson Email Print, Epson Remote Print, Epson iPrint™ App (iOS®, Android™), Epson Print and Scan App (Windows®), Creative Print App (iOS, Android)
Other Google Cloud Print™, Android printing, Fire™ OS printing, Mopria® Print Service, Easy Photo Scan, Scan to Cloud²

Copy

Copy Speed Flatbed†† 100 ISO ppm (black/color)
Copy Speed ADF†† 100 ISO ppm
Copy Quantity 1 – 999
Maximum Copy Size 13" x 19"
Copy Resolution (dpi) Maximum 600 x 1200
 Document Table (input): text 300 x 600, text and image 300 x 600, text and image (best) 600 x 600, photo 300 x 600
 Document Table (output): text 600 x 600, text and image 600 x 600, text and image (best) 600 x 600, photo 600 x 1200
 ADF (input): text 300 x 400, text and image 300 x 400, text and image (best) 600 x 600, photo 300 x 400
 ADF (output): text 600 x 600, text and image 600 x 600, text and image (best) 600 x 600, photo 600 x 1200
Copy Features Automatic 1-sided to 2-sided, Fit to Page, Automatic Reduction and Enlargement (25 – 400%), ID Copy, Adjustable Copy Density, Collate 100 Sheets, 1-sided to 2-sided, 2-sided to 1-sided, 2-sided to 2-sided, Adjustments — Density, Contrast, Color, Sharpness, Text Enhancement, Mixed Size Originals

Scan

Scanner Type Color flatbed/Auto 2-sided ADF
Optical Resolution 1200 dpi
Hardware Resolution 1200 x 2400 dpi
Maximum Resolution 9600 dpi interpolated
Scanner Speed⁵ ADF Simplex 60 ipm/Duplex 110 ipm
Maximum Scan Bed Size 11.7" x 17"
Scan Features Scan to PC (USB and network), Scan to Cloud², Scan to Email (SSL), Network Folder, LDAP Support, Scan to Memory Card/Flash Drive, Scan to PDF, Remove Shadows/Punch Holes, Density Adjustment

Fax

Type Walk-up black-and-white and color

Fax (continued)

Modem Up to 33.6 Kbps
Receive Memory 6MB
Transmission Paper Size Flatbed: A5, Half Letter, B5, Letter, A4, Legal, B4, A3, 11" x 17"
 ADF: A5, B5, Letter, A4, Legal, B4, A3, 11" x 17"
Receiving Paper Size A5, Half Letter, B5, Letter, A4, Legal, B4, A3, 11" x 17"
Speed Dial Numbers Up to 2,000
Fax Features Send, Receive, Fax to Email, Fax to Folder, Inbox, Password Delayed Send, Sharpness, Copy Ratio

Auto Document Feeder

Support Paper Thickness 52 – 160 g/m², 16 lb – 40 lb
Paper Capacity/Number of Originals 150 sheets, 80 g/m², 21 lb
Automatic 2-sided Scan/Copy/Fax Yes

Connectivity

Standard Connectivity
 SuperSpeed USB 3.0, Wireless®, Wi-Fi Direct®, Ethernet — 1000Base-T/100Base-TX/10Base-T, NFC⁷
Operating Systems Windows 10, Windows 8, 8.1 (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® 2003 SP3 – Windows Server 2016®, Mac OS® X 10.6.8 – macOS™ 10.12.x⁹

Paper Handling

Maximum Paper Size
 Standard cassette up to 11" x 17"
 Multipurpose tray 13" x 47.2"
Paper Types Plain Paper, Ultra Premium Presentation Paper Matte, Premium Presentation Paper Matte, Presentation Paper Matte, envelopes and card stock up to 350 g/m² or 92 lb
Number of Paper Trays 4 standard cassette trays and 1 multipurpose tray; optional high-capacity input tray
Input Paper Capacity 2,350 sheets (550 x 4 standard trays, 150 x 1 multipurpose tray); optional high-capacity input tray: 3,000 sheets
Supported Paper Weights
 Standard cassette trays: up to 160 g/m² or 42 lb
 Multipurpose tray: up to 350 g/m² or 92 lb

General

Display 9.0" color touchscreen
Temperature
 Operating: 50° to 95° F (10° to 35° C)
 Storage: -4° to 104° F (-20° to 40° C)
Relative Humidity
 Operating: 15 – 85%
 Storage: 5 – 85% (no condensation)

General (continued)

Noise Level Less than 75 dB
Rated Voltage AC 100 – 240 V
Rated Frequency 50 – 60 Hz
Rated Current 9.0 – 4.5 A
Power Consumption (Approximate)
 Standalone Copy Printing: 180 W
 Ready Mode: 77 W
 Sleep Mode: 1.1 W
Maximum Power Consumption 320 W
Country of Origin Indonesia
Weight and Dimensions (W x D x H)
 Printer: 26.5" x 29.8" x 48.5"
 Weight: 394.6 lb (printer), 410.3 lb (printer with supplies)
 Optional Bridge Unit: 19.1" x 26.3" x 40.9"
 Weight: 136.7 lb
 Optional Professional Finisher: 26.8" x 26.3" x 41.8"
 Weight: 91.7 lb
 Optional High-capacity Input Tray: 12.6" x 24.4" x 19.8"
 Weight: 60.2 lb
What's in the Box WorkForce Enterprise WF-C20590 MFP, instruction booklet, power cord, 5x DURABrite® Pro Ink cartridges (2x Black ink cartridge and 3x color ink cartridges: 1x Cyan, 1x Magenta, 1x Yellow)
Software Available¹⁰ Epson® printer driver, PCL 5 driver emulation¹¹, PCL 6 driver emulation¹¹, Adobe® PostScript® 3™, Document Capture Pro
Warranty 90-day limited warranty; additional service options available through your reseller

Ink

Ink Type DURABrite Pro pigment ink
Ink Cartridges 5x individual ink cartridges (1x Cyan, 1x Magenta, 1x Yellow and 2x Black)
Fade Resistance/Print Longevity¹² Up to 84 years
Replacement Ink Cartridges* T858 High-capacity Ink Cartridges — Black, Cyan, Magenta, Yellow (Yield, ISO pages — Black: 50,000, Color: 50,000)

Eco Features

Uses up to 50% less power than color laser printers¹
 Save up to 50% of your paper supply with automatic, 2-sided printing
 ENERGY STAR® qualified
 RoHS compliant
 Recyclable product¹³
 Epson America, Inc. is a SmartWay® Transport Partner¹⁴

Ordering Information

WorkForce Enterprise WF-C20590	C11CE47201
Optional Professional Finisher with Bridge Unit	C12C933021
Optional High-capacity Input Tray	C12C933331
Optional Cassette Lock	C12C933231

† 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 | †† 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 | *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 more information, visit www.epson.com/inkinfo | 1 Compared to best-selling A3 color MFPs with MSRP of \$41,000 or less. Competitive data gathered from manufacturer websites and third-party industry sources as of Nov. 2016. | 2 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 | 3 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 | 4 With optional high-capacity input; 2,350-page capacity standard. | 5 Based on 200 dpi, letter-size, in Black-and-White or Color. | 6 Wi-Fi CERTIFIED™; level of performance subject to the range of the router being used. Wi-Fi Direct® may require printer software. | 7 NFC requires use of a device that includes NFC, and may require additional software. | 8 Only printing and scanning are supported under Windows Server OS. | 9 Some applications and/or functions may not be supported under Mac OS X®. | 10 Internet access is required to install OS X drivers and software. | 11 Not all media types are supported for PCL printing. | 12 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. | 13 For convenient and reasonable recycling options, visit www.epson.com/recycle | 14 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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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

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