EPSON®
EXCEED YOUR VISION

WorkForce® Enterprise WF-C20590
A3 Network MFP

Print | Copy | Scan | Fax

Multifunction

Workgroup

Powered by
PRECISIONCORE®

The ultra high-speed network MFP revolutionising business productivity.

Breakthrough speed that takes business productivity to a whole new level — 100 ISO ppm[†], the fastest print speed in its class[1]

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 colour lasers[1]

Do more, with an intuitive user interface — scan to email or the cloud[2] — all from a user-friendly 9" (22.8 cm) 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 capabilities[3]

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

Expedite your workflow — 5,350-page maximum paper capacity[4] (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 ipm[5]

Print

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

Mobile Printing and Scanning

Epson Connect Solutions[3] 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 Cloud[2]

Copy

Copy Speed Flatbed†† 100 ISO ppm (black/colour)
Copy Speed ADF†† 100 ISO ppm
Copy Quantity 1 – 999
Maximum Copy Size 13" x 19" (330.2 x 482.6 mm)
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 1200, 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, Colour, Sharpness, Text Enhancement, Mixed Size Originals

Scan

Scanner Type Colour flatbed/Auto 2-sided ADF
Optical Resolution 1200 dpi
Hardware Resolution 1200 x 2400 dpi
Maximum Resolution 9600 dpi interpolated
Scanner Speed[5] ADF Simplex 60 ipm/Duplex 110 ipm
Maximum Scan Bed Size 11.7" x 17" (297.1 x 431.8 mm)
Scan Features Scan to PC (USB and network), Scan to Cloud[2], 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 colour
Modem Up to 33.6 Kbps
Receive Memory 6 MB
Transmission Paper Size Flatbed: A5, Half Letter, B5, Letter, A4, Legal, B4, A3, 11" x 17" (297.1 x 431.8 mm) ADF: A5, B5, Letter, A4, Legal, B4, A3, 11" x 17" (297.1 x 431.8 mm)
Receiving Paper Size A5, Half Letter, B5, Letter, A4, Legal, B4, A3, 11" x 17" (297.1 x 431.8 mm)
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
Paper Capacity/Number of Originals 150 sheets, 80 g/m²
Automatic 2-sided Scan/Copy/Fax Yes

Connectivity

Standard Connectivity
SuperSpeed USB 3.0, Wireless[6], Wi-Fi Direct®[6], Ethernet — 1000Base-T/100Base-TX/10Base-T, NFC[7]
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 SP2[8] – Windows Server 2016™, Mac OS® X 10.6.8 – macOS™ 10.12.x[9]

Paper Handling

Maximum Paper Size
Standard cassette up to 11" x 17" (297.1 x 431.8 mm)
Multipurpose tray 13" x 47.2" (330.2 x 1,198.8 mm)
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
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
Multipurpose tray: up to 350 g/m²

General

Display 9.0" (22.8 cm) colour touchscreen
Temperature
Operating: 50 ° to 95 ° F (10 ° to 35 ° C)
Storage: -4 ° to 104 ° F (-20 ° to 40 ° C)

General (continued)

Relative Humidity
Operating: 15 – 85%
Storage: 5 – 85% (no condensation)
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" (67.3 x 75.7 x 123.2 cm)
Weight: 179 kg (printer), 186.1 kg (printer with supplies)
Optional Bridge Unit: 48.5 x 66.8 x 103.9 cm
Weight: 62.1 kg
Optional Professional Finisher: 68.1 x 66.8 x 106.2 cm
Weight: 41.6 kg
Optional High-capacity Input Tray: : 32 x 62 x 50.3 cm
Weight: 27.4 kg
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 colour ink cartridges: 1x Cyan, 1x Magenta, 1x Yellow)
Software Available[10] Epson® printer driver, PCL 5 driver emulation[11], PCL 6 driver emulation[11], Adobe® PostScript® 3™, Document Capture Pro

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 Longevity[12] Up to 84 years
Replacement Ink Cartridges* T858 High-capacity Ink Cartridges — Black, Cyan, Magenta, Yellow (Yield, ISO pages — Black: 50,000, Colour: 50,000)

Eco Features

Uses up to 50% less power than colour laser printers[1]
Save up to 50% of your paper supply with automatic, 2-sided printing
RoHS compliant

Ordering Information

WorkForce Enterprise WF-C20590	C12C933261
Optional Professional Finisher with Bridge Unit	C12C933041
Optional High-capacity Input Tray	C12C933041
Optional Cassette Lock	C12C933231

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† Black and colour 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 colour 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 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. For more information, visit www.epson.com/inkinfo | 1 Compared to best-selling A3 color MFPs with MSRP of USD 41,000 or less. Competitive datagathered 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.au/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.au/connect | 4 With optional high-capacity input; 2,350-page capacity standard. | 5 Based on 200 dpi, letter-size, in Black-and-White or Colour. | 6 Wi-Fi CERTIFIEDTM; 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.

Better Products for a Better Future™

Contact: