

# Ficha técnica

Epson

## Modelos / familias

WF-C8690D3TWFC, WF-C8690DTWF, WF-C8690DTWFC, WF-C8690DWF

## Fuente del fabricante

User's Guide (v2.0)

<https://download.epson-europe.com/pub/download/6311/epson631110eu.pdf>

Las páginas siguientes son un extracto técnico del documento oficial del fabricante.

# Appendix

## Technical Specifications

### Printer Specifications

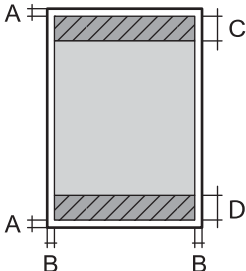
|                             |             |                                                                                                                        |
|-----------------------------|-------------|------------------------------------------------------------------------------------------------------------------------|
| Print Head Nozzle Placement |             | Black ink nozzles: 800<br>Color ink nozzles: 800 for each color                                                        |
| Weight of Paper *           | Plain Paper | 64 to 90 g/m <sup>2</sup> (17 to 24lb)                                                                                 |
|                             | Thick Paper | 91 to 256 g/m <sup>2</sup> (25 to 68 lb)                                                                               |
|                             | Envelopes   | Envelope #10, DL, C6: 75 to 90 g/m <sup>2</sup> (20 to 24 lb)<br>Envelope C4: 80 to 100 g/m <sup>2</sup> (21 to 26 lb) |

\* Even when the paper thickness is within this range, the paper may not feed in the printer or print result may adversely affected depending on the paper property or quality.

### Printable Area

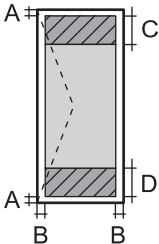
#### Printable Area for Single Sheets

Print quality may decline in the shaded areas due to the printer's mechanism.

|                                                                                     |   |                    |
|-------------------------------------------------------------------------------------|---|--------------------|
|  | A | 3.0 mm (0.12 in.)  |
|                                                                                     | B | 3.0 mm (0.12 in.)  |
|                                                                                     | C | 49.0 mm (1.93 in.) |
|                                                                                     | D | 54.0 mm (2.13 in.) |

#### Printable Area for Envelopes

Print quality may decline in the shaded areas due to the printer's mechanism.

|                                                                                     |   |                    |
|-------------------------------------------------------------------------------------|---|--------------------|
|  | A | 3.0 mm (0.12 in.)  |
|                                                                                     | B | 5.0 mm (0.20 in.)  |
|                                                                                     | C | 54.0 mm (2.13 in.) |
|                                                                                     | D | 49.0 mm (1.93 in.) |

## Appendix

### Scanner Specifications

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scanner Type          | Flatbed                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Photoelectric Device  | CIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Effective Pixels      | 14040×20400 pixels (1200 dpi)                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Maximum Document Size | 297×431.8 mm (11.7×17 in.)<br>A3,Ledger                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Scanning Resolution   | 1200 dpi (main scan)<br>2400 dpi (sub scan)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Output Resolution     | 50 to 9600 dpi in 1 dpi increments                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Color Depth           | Color<br><input type="checkbox"/> 30 bits per pixel internal (10 bits per pixel per color internal)<br><input type="checkbox"/> 24 bits per pixel external (8 bits per pixel per color external)<br><br>Grayscale<br><input type="checkbox"/> 16 bits per pixel internal<br><input type="checkbox"/> 8 bits per pixel external<br><br>Black and white<br><input type="checkbox"/> 16 bits per pixel internal<br><input type="checkbox"/> 1 bits per pixel external |
| Light Source          | LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### Interface Specifications

|                          |                |
|--------------------------|----------------|
| For Computer             | SuperSpeed USB |
| For External USB Devices | Hi-Speed USB   |

### Fax Specifications

|                 |                                                                                    |
|-----------------|------------------------------------------------------------------------------------|
| Fax Type        | Walk-up black and white and color fax capability (ITU-T Super Group 3)             |
| Supported Lines | Standard analogue telephone lines, PBX (Private Branch Exchange) telephone systems |
| Speed           | Up to 33.6 kbps                                                                    |

## Appendix

|             |                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Resolution  | Monochrome<br><input type="checkbox"/> Standard: 8 pel/mm×3.85 line/mm (203 pel/in.×98 line/in.)<br><input type="checkbox"/> Fine: 8 pel/mm×7.7 line/mm (203 pel/in.×196 line/in.)<br><input type="checkbox"/> Super Fine: 8 pel/mm×15.4 line/mm (203 pel/in.×392 line/in.)<br><input type="checkbox"/> Ultra Fine: 16 pel/mm×15.4 line/mm (406 pel/in.×392 line/in.)<br>Color<br>200×200 dpi |
| Page Memory | Up to 550 pages (when received ITU-T No.1 chart in monochrome draft mode)                                                                                                                                                                                                                                                                                                                     |
| Redial*     | 2 times (with 1 minute intervals)                                                                                                                                                                                                                                                                                                                                                             |
| Interface   | RJ-11 Phone Line, RJ-11 Telephone set connection                                                                                                                                                                                                                                                                                                                                              |

\* The specifications may differ by country or region.

## Network Function List

### Network Functions and IPv4/IPv6

| Functions        |                                           |            | Supported | Remarks                                 |
|------------------|-------------------------------------------|------------|-----------|-----------------------------------------|
| Network Printing | EpsonNet Print (Windows)                  | IPv4       | ✓         | -                                       |
|                  | Standard TCP/IP (Windows)                 | IPv4, IPv6 | ✓         | -                                       |
|                  | WSD Printing (Windows)                    | IPv4, IPv6 | ✓         | Windows Vista or later                  |
|                  | Bonjour Printing (Mac OS)                 | IPv4, IPv6 | ✓         | -                                       |
|                  | IPP Printing (Windows, Mac OS)            | IPv4, IPv6 | ✓         | -                                       |
|                  | UPnP Printing                             | IPv4       | -         | Information appliance                   |
|                  | PictBridge Printing (Wi-Fi)               | IPv4       | -         | Digital camera                          |
|                  | Epson Connect (Email Print, Remote Print) | IPv4       | ✓         | -                                       |
|                  | AirPrint (iOS, Mac OS)                    | IPv4, IPv6 | ✓         | iOS 5 or later, Mac OS X v10.7 or later |
|                  | Google Cloud Print                        | IPv4, IPv6 | ✓         | -                                       |

## Appendix

| Functions        |                               |            | Supported | Remarks                     |
|------------------|-------------------------------|------------|-----------|-----------------------------|
| Network Scanning | Epson Scan 2                  | IPv4, IPv6 | ✓         | -                           |
|                  | Event Manager                 | IPv4       | -         | -                           |
|                  | Epson Connect (Scan to Cloud) | IPv4       | ✓         | -                           |
|                  | AirPrint (Scan)               | IPv4, IPv6 | ✓         | OS X Mavericks or later     |
|                  | ADF (2-sided scanning)        |            | ✓         | -                           |
| Fax              | Send a fax                    | IPv4       | ✓         | -                           |
|                  | Receive a fax                 | IPv4       | ✓         | -                           |
|                  | AirPrint (Faxout)             | IPv4, IPv6 | ✓         | OS X Mountain Lion or later |

## Wi-Fi Specifications

|                                           |                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------|
| Standards                                 | IEEE802.11b/g/n <sup>*1</sup>                                         |
| Frequency Range                           | 2.4 GHz                                                               |
| Maximum Radio-Frequency Power Transmitted | 20 dBm (EIRP)                                                         |
| Coordination Modes                        | Infrastructure, Wi-Fi Direct (Simple AP) <sup>*2</sup>                |
| Wireless Securities <sup>*3</sup>         | WEP (64/128bit), WPA2-PSK (AES) <sup>*4</sup> , WPA2-Enterprise (AES) |

<sup>\*1</sup> IEEE802.11n is only available for the HT20.

<sup>\*2</sup> Not supported for IEEE 802.11b.

<sup>\*3</sup> Wi-Fi Direct supports WPA2-PSK (AES) only.

<sup>\*4</sup> Complies with WPA2 standards with support for WPA/WPA2 Personal.

## Ethernet Specifications

|                    |                                                                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards          | IEEE802.3i (10BASE-T) <sup>*1</sup><br>IEEE802.3u (100BASE-TX)<br>IEEE802.3ab (1000BASE-T) <sup>*1</sup><br>IEEE802.3az (Energy Efficient Ethernet) <sup>*2</sup> |
| Communication Mode | Auto, 10Mbps Full duplex, 10Mbps Half duplex, 100Mbps Full duplex, 100Mbps Half duplex                                                                            |
| Connector          | RJ-45                                                                                                                                                             |

<sup>\*1</sup> Use a category 5e or higher STP (Shielded twisted pair) cable to prevent risk of radio interference.

## Appendix

\*2 The connected device should comply with IEEE802.3az standards.

## Security Protocol

|                           |                     |
|---------------------------|---------------------|
| IEEE802.1X*               |                     |
| IPsec/IP Filtering        |                     |
| SSL/TLS                   | HTTPS Server/Client |
|                           | IPPS                |
| SMTPS (STARTTLS, SSL/TLS) |                     |
| SNMPv3                    |                     |

\* You need to use a device for connection that complies with IEEE802.1X.

## PostScript Level 3 Compatibility

The PostScript used on this printer is compatible with PostScript Level 3.

## Supported Third Party Services

|                    |       |                                          |
|--------------------|-------|------------------------------------------|
| AirPrint           | Print | iOS 5 or later/Mac OS X v10.7.x or later |
|                    | Scan  | OS X Mavericks or later                  |
|                    | Fax   | OS X Mountain Lion or later              |
| Google Cloud Print |       |                                          |

## External USB Device Specifications

| Devices         | Maximum Capacities                        |
|-----------------|-------------------------------------------|
| USB Flash Drive | 2 TB (formatted in FAT, FAT32, or exFAT.) |

You cannot use the following devices:

- ☐ A device that requires a dedicated driver
- ☐ A device with security settings (password, encryption, and so on)

Epson cannot guarantee all operations of externally connected devices.

## Appendix

### Supported Data Specifications

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| File Format             | <p>JPEGs (*.JPG) with the Exif Version 2.31 standard taken by digital cameras DCF*<sup>1</sup> version 1.0 or 2.0*<sup>2</sup> compliant</p> <p>TIFF 6.0 compliant images as below</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> RGB full color images (not compressed)</li> <li><input type="checkbox"/> Binary images (not compressed or CCITT encoded)</li> </ul> <p>PDF Version 1.7 compliant data file</p> |
| Image Size              | <p>Horizontal: 80 to 10200 pixels</p> <p>Vertical: 80 to 10200 pixels</p>                                                                                                                                                                                                                                                                                                                                                             |
| File Size               | Less than 2 GB                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Maximum Number of Files | <p>JPEG: 9990*<sup>3</sup></p> <p>TIFF: 999</p> <p>PDF: 999</p>                                                                                                                                                                                                                                                                                                                                                                       |

\*1 Design rule for Camera File system.

\*2 Photo data stored on digital cameras with a built-in memory is not supported.

\*3 Up to 999 files can be displayed at a time. (If the number of files exceeds 999, the files are displayed in groups.)

**Note:**

"×" is displayed on the LCD screen when the printer cannot recognize the image file. In this situation, if you select a multiple image layout, blank sections will be printed.

### Dimensions

#### Only the printer

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions | <p>Storage</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Width: 613 mm (24.1 in.)</li> <li><input type="checkbox"/> Depth: 755 mm (29.7 in.)</li> <li><input type="checkbox"/> Height: 493 mm (19.4 in.)</li> </ul> <p>Printing</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Width: 613 mm (24.1 in.)</li> <li><input type="checkbox"/> Depth: 866 mm (34.1 in.)</li> <li><input type="checkbox"/> Height: 571 mm (22.5 in.)</li> </ul> |
| Weight*    | Approx. 45.8 kg (101.0 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

\* Without the ink cartridges and the power cord.

#### Printers with options

These are the dimensions of printers with 3 optional paper cassette units and an optional cabinet.