

Ficha técnica

Epson

Modelos / familias

WF-7840DTW

Fuente del fabricante

WF-7840DTW User/Technical Guide

https://support2.epson.net/manuals/english/spc/wf_7840/pdf/manual.pdf

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

- ☐ Scan to Computer
- ☐ Scan to Memory Device
- ☐ Scan to Cloud
- ☐ Copy Settings
- ☐ Fax

Product Specifications

Printer Specifications

Print Head Nozzle Placement		Black ink nozzles: 800 Color ink nozzles: 256 for each color
Weight of Paper *	Plain Paper	64 to 90 g/m ² (17 to 24lb)
	Thick Paper	91 to 256 g/m ² (25 to 68 lb)
	Envelopes	Envelope #10, DL, C6, C4: 75 to 100 g/m ² (20 to 27 lb)

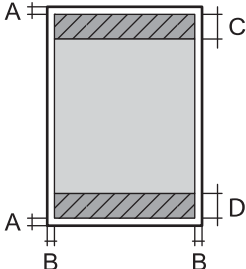
* Even when the paper thickness is within this range, the paper may not feed in the printer or print result may adversely affected depending on the paper property or quality.

Printable Area

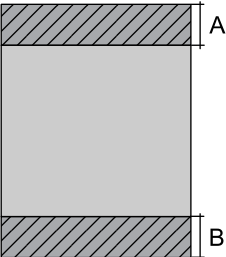
Printable Area for Single Sheets

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

Printing with borders

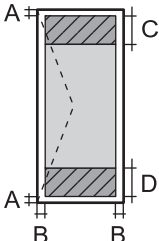
	A	3.0 mm (0.12 in.)
	B	3.0 mm (0.12 in.)
	C	48.0 mm (1.89 in.)
	D	49.0 mm (1.93 in.)

Borderless printing

	A	51.0 mm (2.01 in.)
	B	52.0 mm (2.05 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	3.0 mm (0.12 in.)
	C	48.0 mm (1.89 in.)
	D	49.0 mm (1.93 in.)

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.) A3
Scanning Resolution	1200 dpi (main scan) 2400 dpi (sub scan)
Output Resolution	50 to 9600 dpi in 1 dpi increments
Color Depth	Color ☐ 48 bits per pixel internal (16 bits per pixel per color internal) ☐ 24 bits per pixel external (8 bits per pixel per color external) Grayscale ☐ 16 bits per pixel internal ☐ 8 bits per pixel external Black and white ☐ 16 bits per pixel internal ☐ 1 bits per pixel external

Light Source	LED
--------------	-----

ADF Specifications

ADF Type	Auto duplex scanning
Available Paper Sizes	A5, A4, A3, B5, B4, Executive, 16K, Indian-Legal, Letter, 8.5×13 in, Legal, 8K
Paper Type	Plain Paper
Weight of Paper	64 to 95 g/m ²
Loading Capacity	A4, A3, B4, 16K, Indian-Legal, Letter, 8.5×13 in, Legal, 8K : 50 sheets or 5.5 mm A5, B5, Executive: 20 sheets

Even when the original meets the specifications for media that can be placed in the ADF, it may not feed from the ADF or the scan quality may decline depending on the paper properties or quality.

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
Resolution	Monochrome ☐ Standard: 8 pel/mm×3.85 line/mm (203 pel/in.×98 line/in.) ☐ Fine: 8 pel/mm×7.7 line/mm (203 pel/in.×196 line/in.) ☐ Super Fine: 8 pel/mm×15.4 line/mm (203 pel/in.×392 line/in.) ☐ Ultra Fine: 16 pel/mm×15.4 line/mm (406 pel/in.×392 line/in.) Color 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.

Using Port for the Printer

The printer uses the following port. These ports should be allowed to become available by the network administrator as necessary.

Sender (Client)	Use	Destination (Server)	Protocol	Port Number
Printer	File sending (When scan to network folder is used from the printer)	FTP server	FTP (TCP)	20
				21
		File server	SMB (TCP)	445
			NetBIOS (UDP)	137
				138
			NetBIOS (TCP)	139
	Email sending (When scan to mail is used from the printer)	SMTP server	SMTP (TCP)	25
			SMTP SSL/TLS (TCP)	465
			SMTP STARTTLS (TCP)	587
	POP before SMTP connection (When scan to mail is used from the printer)	POP server	POP3 (TCP)	110
	When Epson Connect is used	Epson Connect Server	HTTPS	443
			XMPP	5222
	Collecting user information (Use the contacts from the printer)	LDAP server	LDAP (TCP)	389
			LDAP SSL/TLS (TCP)	636
			LDAP STARTTLS (TCP)	389
	User authentication when collecting user information (When using the contacts from the printer) User authentication when using the scan to network folder (SMB) from the printer	KDC server	Kerberos	88
	Control WSD	Client computer	WSD (TCP)	5357
	Search the computer when push scanning from Epson ScanSmart	Client computer	Network Push Scan Discovery	2968

Sender (Client)	Use	Destination (Server)	Protocol	Port Number
Client computer	Discover the printer from an application such as EpsonNet Config, printer driver, and scanner driver.	Printer	ENPC (UDP)	3289
	Collect and set up the MIB information from an application such as EpsonNet Config, printer driver, and scanner driver.	Printer	SNMP (UDP)	161
	Forwarding LPR data	Printer	LPR (TCP)	515
	Forwarding RAW data	Printer	RAW (Port9100) (TCP)	9100
	Forwarding AirPrint (IPP/IPPS printing) data	Printer	IPP/IPPS (TCP)	631
	Searching WSD printer	Printer	WS-Discovery (UDP)	3702
	Forwarding the scan data from Epson ScanSmart	Printer	Network Scan (TCP)	1865
	Collecting the job information when push scanning from Epson ScanSmart	Printer	Network Push Scan	2968

Interface Specifications

For Computer	Hi-Speed USB*
For External USB Device	Hi-Speed USB

* USB 3.0 cables are not supported.

Network Specifications

Wi-Fi Specifications

See the following table for Wi-Fi specifications.

Countries or regions except for those listed below	Table A
Australia New Zealand China Hong Kong	Table B

Table A

Standards	IEEE802.11b/g/n ^{*1}
Frequency Range	2.4 GHz
Channels	1/2/3/4/5/6/7/8/9/10/11/12/13
Coordination Modes	Infrastructure, Wi-Fi Direct (Simple AP) ^{*2*3}
Security Protocols ^{*4}	WEP (64/128bit), WPA2-PSK (AES) ^{*5} , WPA3-SAE (AES)

*1 Only available for the HT20

*2 Not supported for IEEE 802.11b

*3 Infrastructure and Wi-Fi Direct modes or an Ethernet connection can be used simultaneously.

*4 Wi-Fi Direct supports WPA2-PSK (AES) only.

*5 Complies with WPA2 standards with support for WPA/WPA2 Personal.

Table B

Standards	IEEE802.11a/b/g/n ^{*1} /ac		
Frequency Ranges	IEEE802.11b/g/n: 2.4 GHz, IEEE802.11a/n/ac: 5 GHz		
Channels	Wi-Fi	2.4 GHz	1/2/3/4/5/6/7/8/9/10/11/12/13
		5 GHz ^{*2}	W52 (36/40/44/48), W53 (52/56/60/64), W56 (100/104/108/112/116/120/124/128/132/136/140), W58 (149/153/157/161/165)
	Wi-Fi Direct	2.4 GHz	1/2/3/4/5/6/7/8/9/10/11/12/13
		5 GHz ^{*2}	W52 (36/40/44/48) W58 (149/153/157/161/165)
Connection Modes	Infrastructure, Wi-Fi Direct (Simple AP) ^{*3*4}		
Security Protocols ^{*5}	WEP (64/128bit), WPA2-PSK (AES) ^{*6} , WPA3-SAE (AES)		

*1 Only available for the HT20

*2 The availability of these channels and use of the product outdoors over these channels varies by location. For more information, see the following website.

<http://support.epson.net/wifi5ghz/>

*3 Not supported for IEEE 802.11b

*4 Infrastructure and Wi-Fi Direct modes or an Ethernet connection can be used simultaneously.

*5 Wi-Fi Direct only supports WPA2-PSK (AES) .

*6 Complies with WPA2 standards with support for WPA/WPA2 Personal.