

Ficha técnica

Epson

Modelos / familias

XP-970, XP-980

Fuente del fabricante

User's Guide (v2.0)

<https://download.epson-europe.com/pub/download/6338/epson633859eu.pdf>

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

Product Specifications

Printer Specifications

Print Head Nozzle Placement		Black ink nozzles: 180 Color ink nozzles: 180 for each color
Weight of Paper*	Plain Paper	64 to 90 g/m ² (17 to 24lb)
	Envelopes	Envelope #10, DL, C6: 75 to 90 g/m ² (20 to 24 lb)

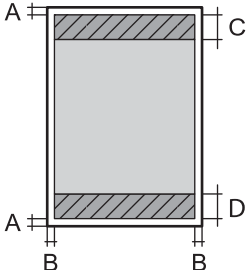
* Even when the paper thickness is within this range, the paper may not feed in the printer or the print quality may decline depending on the paper properties or quality.

Printable Area

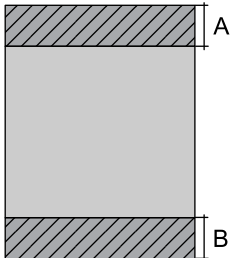
Printable Area for Single Sheets

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

Printing with borders

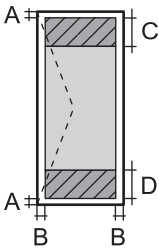
	A	3.0 mm (0.12 in.)
	B	3.0 mm (0.12 in.)
	C	41.0 mm (1.61 in.)
	D	37.0 mm (1.46 in.)

Borderless printing

	A	44.0 mm (1.73 in.)
	B	40.0 mm (1.57 in.)

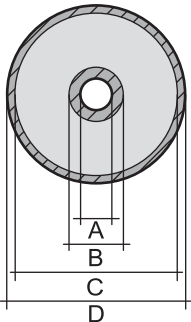
Printable Area for Envelopes

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	18.0 mm (0.71 in.)
	D	41.0 mm (1.61 in.)

Printable Area for CD/DVD

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

	A	18 mm (0.71 in.)
	B	43 mm (1.69 in.)
	C	116 mm (4.57 in.)
	D	120 mm (4.72 in.)

Scanner Specifications

Scanner Type	Flatbed
Photoelectric Device	CIS
Maximum Document Size	216×297 mm (8.5×11.7 in.) A4, Letter
Resolution	1200 dpi (main scan) 4800 dpi (sub scan)
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

Interface Specifications

For Computer	Hi-Speed USB *
For External USB Devices and PictBridge	Hi-Speed USB *

* USB 3.0 cables are not supported.

Network Specifications

Wi-Fi Specifications

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

*1 Only available for the HT20

*2 Use of the product outdoors over these channels is prohibited.

*3 The availability of these channels varies by location. For more information, see <http://support.epson.net/wifi5ghz/>

*4 Not supported for IEEE 802.11b

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

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

*7 Complies with WPA2 standards with support for WPA/WPA2 Personal

Ethernet Specifications

Standards	IEEE802.3i (10BASE-T) ^{*1} IEEE802.3u (100BASE-TX) IEEE802.3az (Energy Efficient Ethernet) ^{*2}
Communication Mode	Auto, 10Mbps Full duplex, 10Mbps Half duplex, 100Mbps Full duplex, 100Mbps Half duplex

Connector	RJ-45
-----------	-------

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

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

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
	BonjourPrinting (Mac OS)	IPv4, IPv6	✓	-
	IPPPrinting (Windows, Mac OS)	IPv4, IPv6	✓	-
	PictBridgePrinting (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	✓	-
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
Fax	Send a fax	IPv4	-	-
	Receive a fax	IPv4	-	-
	AirPrint (Faxout)	IPv4, IPv6	-	-

Security Protocol

SSL/TLS	HTTPS Server/Client, IPPS
SNMPv3	

Supported Third Party Services

AirPrint	Print	iOS 5 or later/Mac OS X v10.7.x or later
	Scan	OS X Mavericks or later
Google Cloud Print		

Memory Device Specifications

Supported Memory Card Specifications

Compatible Memory Cards	Maximum Capacities
miniSD*	2 GB
miniSDHC*	32 GB
microSD*	2 GB
microSDHC*	32 GB
microSDXC*	64 GB
SD	2 GB
SDHC	32 GB
SDXC	64 GB

* Attach an adapter to fit the memory card slot. Otherwise, the card may get stuck.

Supported Memory Device Specifications

Compatible Memory Devices	Maximum Capacities
CD-R Drive *1*2 DVD-R Drive *1*2 Blu-ray™ Drive *1*2	CD-ROM/CD-R: 700 MB DVD-ROM/DVD-R: 4.7 GB (CD-RW, DVD+R, DVD±RW, DVD-RAM, and Blu-ray Disc™ are not supported.)
HDD*1 USB Flash Drive	2 TB (formatted in FAT, FAT32, or exFAT)
Multi-card reader*3	2 TB (formatted in FAT, FAT32, or exFAT)

*1 We do not recommend using memory devices that are powered by USB. Use only memory devices with independent AC power supplies.

*2 Read only.

*3 Only insert one memory card into the multi-card reader. Multi-card readers with more than two memory cards inserted are not supported.

You cannot use the following devices:

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

Epson cannot guarantee operations for all externally connected devices.

Supported Data Specifications

File Format	JPEGs (*.JPG) with the Exif Version 2.31 standard taken by digital cameras DCF* ¹ Version 1.0 or 2.0* ² compliant
Image Size	Horizontal: 80 to 10200pixels Vertical: 80 to 10200pixels
File Size	Less than 2 GB
Maximum Number of Files	9990

*1 Design rule for Camera File system.

*2 Photo data stored in the built-in memory of a digital camera is not supported.

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

Dimensions	Storage ☐ Width: 479 mm (18.9 in.) ☐ Depth: 356 mm (14.0 in.) ☐ Height: 148 mm (5.8 in.) Printing ☐ Width: 479 mm (18.9 in.) ☐ Depth: 668 mm (26.3 in.) ☐ Height: 295 mm (11.6 in.)
Weight*	Approx. 8.5 kg (18.7 lb)

* : Without the ink cartridges, power cord, and the CD/DVD tray.

Electrical Specifications

Model	100 to 120 V Model	220 to 240 V Model
Rated Frequency Range	50 to 60 Hz	50 to 60 Hz