

Ficha técnica

Epson

Modelos / familias

AL-M8100DN, AL-M8100DTN

Fuente del fabricante

User's Guide (v1.0)

<https://download.epson-europe.com/pub/download/3803/epson380312eu.pdf>

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

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Technical Specifications

General

Item		AL-M8200DN	AL-M8100DN	AL-M7100DN
Printing method		Laser beam scanning and dry electrophotographic process		
Resolution		600 × 600 dpi, 1200 × 1200 dpi		
Continuous printing speed*1	A4 Landscape	45 ppm	40 ppm	35 ppm
Paper feed		Automatic or manual feed		
Paper feed alignment		Center alignment for all sizes		
Dimensions (Width × Depth × Height)	Printer	490 × 410 × 320 mm (19.3 × 16.1 × 12.6 in.)*2*3		
	Optional paper cassette unit	490 × 410 × 121 mm (19.3 × 16.1 × 4.8 in.)*2		
	Optional printer stand	512 × 518 × 109 mm (20.2 × 20.4 × 4.3 in.)*2		
	Optional face-up tray	When the paper support is opened: 365 × 464 × 69 mm (14.4 × 18.3 × 2.7 in.)		
Weight	Printer	Approx. 21 kg (about 46.3 lb)*4		
	Optional paper cassette unit	Approx. 5 kg (about 11.0 lb)		
	Optional printer stand	Approx. 5.1 kg (about 11.2 lb)		
	Optional face-up tray	Approx. 0.96 kg (about 2.1 lb)		
Printer language		ESC/PageS Printing system, ESC/Page ESC/P 2 24-pin printer emulation (ESC/P 2 mode) ESC/P 9-pin printer emulation (FX mode) IBM Proprinter emulation (I239X mode) Adobe PostScript3 (PS3 mode) PCL6/PCL5 emulation (PCL mode) PDF 1.7		
Memory		RAM: 1024 MB		
Interfaces	USB	Hi-Speed USB		
	Ethernet:	1000BASE-T/100BASE-TX/10BASE-T		
Supported protocols		TCP/IP (IPv4, IPv6, IPSec, SSL, WSD, LLTD, SNMPv3) Bonjour		

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Item		AL-M8200DN	AL-M8100DN	AL-M7100DN
Resident fonts		84 scalable fonts, and 7 bitmap fonts for ESC/Page 95 scalable fonts, and 5 bitmap for PCL5 80 scalable fonts, and 1 bitmap for PCL6 136 scalable fonts for PostScript3		
Printable area		The assured printable area is an area 4 mm from all sides. The diagram shows a rectangular page with a smaller shaded rectangle inside. The shaded rectangle represents the printable area. Four arrows point from the asterisks to the margins: top, bottom, left, and right. Each arrow is labeled with '4 mm'. * 4 mm Note: The printable area may be smaller depending on the application.		
Operating environment	Temperature	10 to 32.5°C (50 to 89.6°F)		
	Humidity	15 to 80 %RH		
	Altitude ^{*5}	0 to 1500 meters		
Storage environment	Temperature	0 to 35°C (32 to 95°F),		
	Humidity	15 to 85 %RH		
	Altitude	0 to 2500 meters		

^{*1} Printing speed varies depending on the type of paper and other conditions. The abbreviation "ppm" means "pages per minute".

^{*2} Figures in mm are rounded off to the nearest whole number.

^{*3} MP tray closed, excluding protrusions.

^{*4} Including consumable products and excluding options.

^{*5} For high altitude locations, the printer's Highland setting in the Printer Adjust Menu must be adjusted according to the altitude at which the printer is located. See ["Printer Adjust Menu"](#) on page 86 for details.

Electrical

	AL-M8200DN	AL-M8100DN	AL-M7100DN
Rated voltage	110 V	220-240 V	110 V
Rated frequency	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
Rated current	12.8 A	5.4 A	12.8 A

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			AL-M8200DN	AL-M8100DN	AL-M7100DN
Power consumption	During printing	Average	695 W	675 W	600 W
		MAX	1,290 W	1,220 W	1,280 W
	In ready mode	Eco Fuser enabled	12 W	11 W	12 W
		Eco Fuser disabled	50 W	55 W	52 W
	In sleep mode*		5.9 W	3.1 W	6.0 W
	In deep sleep mode		4.4 W	1.2 W	4.4 W
	In power off mode		3.5 W	0.22 W	3.5 W
	Power off		3.5 W	0.22 W	3.5 W

* Values represent power consumption while all operations are completely suspended. Power consumption varies depending on operating conditions.

Note for users in Taiwan:

Rated voltage of this printer in Taiwan is 110 V.

Supported operating systems

Windows 8.1, Windows 8.1 x64 Windows 8.1 Pro, Windows 8.1 Pro x64 Windows 8.1 Enterprise, Windows 8.1 Enterprise x64
Windows 8, Windows 8 x64 Windows 8 Pro, Windows 8 Pro x64 Windows 8 Enterprise, Windows 8 Enterprise x64
Windows 7 Ultimate Edition, Windows 7 Ultimate x64 Edition Windows 7 Home Premium Edition, Windows 7 Home Premium x64 Edition Windows 7 Home Basic Edition, Windows 7 Home Basic x64 Edition Windows 7 Professional Edition, Windows 7 Professional x64 Edition
Windows Vista Ultimate Edition, Windows Vista Ultimate x64 Edition Windows Vista Home Premium Edition, Windows Vista Home Premium x64 Edition Windows Vista Home Basic Edition, Windows Vista Home Basic x64 Edition Windows Vista Enterprise Edition, Windows Vista Enterprise x64 Edition Windows Vista Business Edition, Windows Vista Business x64 Edition
Windows XP Home Edition Windows XP Professional, Windows XP Professional x64 Edition
Windows Server 2012 R2 Essentials Edition Windows Server 2012 R2 standard Edition
Windows Server 2012 Essentials Edition Windows Server 2012 standard Edition
Windows Server 2008 R2 Enterprise Edition Windows Server 2008 R2 Standard Edition
Windows Server 2008 Standard Edition, Windows Server 2008 x64 Standard Edition Windows Server 2008 Enterprise Edition, Windows Server 2008 x64 Enterprise Edition

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Windows Server 2003 Standard Edition, Windows Server 2003 x64 Standard Edition
Windows Server 2003 Enterprise Edition, Windows Server 2003 x64 Enterprise Edition

Mac OS X v10.6.8 - v10.9.x

Support Mode Settings using the control panel

You can make special settings by using the control panel. Normally you do not need to change the settings.

Pressing the ▼ **Down** button while turning the printer on, opens the **SUPPORT MODE**. Press the ► **Right** button, select Common Settings by pressing the ▲ **Up** or ▼ **Down** button, then select the Support Menu or Printer Adjust Menu.



Important:

*Remove interface cables before you enter the **SUPPORT MODE**.*

Support Menu

Item	Explanation
1 Support StatusSheet	Prints a sheet showing information about settings of Support Menu and Printer Adjust Menu .
7 Extend Print Area	Makes the maximum print area larger according to the printed data.
9 Printer MIBv1 Mode	Uses MIBv1 as a policy rule definition reporting the printer information to SNMP manager.
10 USB ID	Printers of the same model that are set to Common are recognized as the same device on the computer because they are using a common USB device ID. The plug and play screen is not displayed even if you switch the printer for a different printer that is the same model.
	Settings (default in bold): Unique , Common

Printer Adjust Menu

Note:

- ☐ This menu is for special functions. You don't have to change it for ordinary use.
- ☐ The settings in this menu may affect the remaining service lives of consumable products.

Item	Explanation
001 Plain	Adjusts the print quality for plain paper according to paper type.
	Settings (default in bold): 1: Plain paper 2: Semi-thick paper

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Item	Explanation
020 Special	Adjusts the print quality for special paper according to the paper type. Settings (default in bold): 0: Thin paper 1: Plain paper 2: Semi-thick paper 3: Letterhead 4: Thick paper 5: Extra-thick paper 6: Super-thick paper
051 Feed Offset	Do this adjustment after you have eliminated the variation between the paper sources by 055/059/063/067/071/075. This function adjusts the vertical position at which to start printing. The position moves lower on the sheet of paper as the value increases. This setting is used when doing single-sided printing or printing on the back side of the sheet of paper for duplex printing. Settings (default in bold): -3.5 ... 0.0 ... 3.5 mm in 0.5 mm increments
052 Scan Offset	Do this adjustment after you have eliminated the variation between the paper sources by 056/060/064/068/072/076. This function adjusts the horizontal position at which to start printing. The position moves to the right of the sheet of paper as the value increases. This setting is used when doing single-sided printing or printing on the back side of the sheet of paper for duplex printing. Settings (default in bold): -3.5 ... 0.0 ... 3.5 mm in 0.5 mm increments
053 Feed Offset2	Do this adjustment after you have eliminated the variation between the paper sources by 057/061/065/069/073/077. This function adjusts the vertical position at which to start printing. The position moves lower on the sheet of paper as the value increases. This setting is used when printing on the front side of the sheet of paper for duplex printing. Settings (default in bold): -3.5 ... 0.0 ... 3.5 mm in 0.5 mm increments
054 Scan Offset2	Do this adjustment after you have eliminated the variation between the paper sources by 058/062/066/070/074/078. This function adjusts the horizontal position at which to start printing. The position moves to the right of the sheet of paper as the value increases. This setting is used when printing on the front side of the sheet of paper for duplex printing. Settings (default in bold): -3.5 ... 0.0 ... 3.5 mm in 0.5 mm increments
055 Feed Reg1 MP 059 Feed Reg1 C1 063 Feed Reg1 C2 067 Feed Reg1 C3 071 Feed Reg1 C4 075 Feed Reg1 C5* * AL-M8200/AL-M8100 Series only	Adjusts the vertical position at which to start printing and eliminate the variation between the paper sources. The position moves lower on the sheet of paper as the value increases. This setting is used when feeding paper for single-sided printing or printing on the back side of the sheet of paper for duplex printing. Settings (default in bold): -3.5 ... 0.0 ... 3.5 mm in 0.5 mm increments

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Item	Explanation
056 Scan Reg1 MP 060 Scan Reg1 C1 064 Scan Reg1 C2 068 Scan Reg1 C3 072 Scan Reg1 C4 076 Scan Reg1 C5* * AL-M8200/AL-M8100 Series only	Adjusts the horizontal position at which to start printing and eliminate the variation between the paper sources. The position moves to the right of the sheet of paper as the value increases. This setting is used when feeding paper for single-sided printing or printing the back side of the sheet of paper for duplex printing. Settings (default in bold): -3.5 ... 0.0 ... 3.5 mm in 0.5 mm increments
057 Feed Reg2 MP 061 Feed Reg2 C1 065 Feed Reg2 C2 069 Feed Reg2 C3 073 Feed Reg2 C4 077 Feed Reg2 C5* * AL-M8200/AL-M8100 Series only	Adjusts the vertical position at which to start printing and eliminate the variation between the paper sources. The position moves lower on the sheet of paper as the value increases. This setting is used when feeding paper for printing on the front side of the sheet of paper for duplex printing. Settings (default in bold): -3.5 ... 0.0 ... 3.5 mm in 0.5 mm increments
058 Scan Reg2 MP 062 Scan Reg2 C1 066 Scan Reg2 C2 070 Scan Reg2 C3 074 Scan Reg2 C4 078 Scan Reg2 C5* * AL-M8200/AL-M8100 Series only	Adjusts the horizontal position at which to start printing and eliminate the variation between the paper sources. The position moves to the right of the sheet of paper as the value increases. This setting is used when feeding paper for printing on the front side of the sheet of paper for duplex printing. Settings (default in bold): -3.5 ... 0.0 ... 3.5 mm in 0.5 mm increments
201 Highland	Adjust this setting if black dots appear on the printed page when using the printer in locations at high altitudes. Increasing the value makes the printer more suited for higher altitudes. For the altitudes at which this printer can be operated, see “General” on page 83. Settings (default in bold): 0 ... 3 (step 1)
202 Main Charger	Adjusts the print density by correcting for the voltage of the charging roller. The printout becomes lighter as the value increases. Settings (default in bold): 0 ... 3 ... 5 (step 1)
203 Drum Refresh	Refreshes the drum. It may alleviate smears on the printouts. Note that before refreshing the drum, make sure no paper is loaded in the MP tray.
204 DrumRefrshlevel	Specifies the length of time at which the printer refreshes the drum automatically. Settings (default in bold): 0: Disable 1: Standard refresh time 2: Doubles the refresh time (approx. 5 minutes) 3: Triples the refresh time
205 DrumRefrsh Count	Displays the number of times that <code>Drum Refresh</code> has been done.