element™
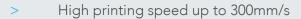
Element RW873
80mm Thermal Receipt Printer

The **Element RW873** Thermal Receipt Printer is a cost-effective and reliable product that combines high-speed printing with a compact footprint, making it the perfect choice for retail and hospitality applications.

> High printing speed up to 300mm/s

> Triple Interface design - USB, RS232, and Ethernet interfaces **all included in standard product**

> Industry leading belt-driven design (increases reliability, reduces the print noise)

> ESC POS Compatible

> OPOS, Windows, and Linux drivers

> Supports page mode printing

> Easy to see LED status indication at paper exit

> Paper jam detection and paper near end detection

> Front paper exit design easily fits on or under the counter

> 36 months return to base warranty

Unique spill resistant design

Front paper loading

Unique belt-driven design

5-Colour LED status indicator

Technical Specifications

Item		Parameter
Printing	Print Method	Direct Thermal Line Printing
	Resolution	Standard 203dpi (8dots/mm), Emulated 180dpi (7dots/mm)
	Print Speed	Max. 300mm/s
	Printing Width	48mm/72mm
Interface	Standard	USB+LAN+Serial
	Optional	LAN, Parallel, Serial, Bluetooth, WiFi, and LAN+Serial
Page Mode		Support
Memory	RAM	2Mb
	Flash	4Mb
Fonts	Chinese	GBK 24x24dots
	Alphanumeric	ASCII 9x 17, 12x24dots
	User-defined	YES
	Codepage	47
Barcode	ID	UPC-A, U PC-E, EAN8, EAN 13, CODE39, ITF, CODEBAR, CODE128, CODE93
	2D	PDF4 l 7, QR code
Graphics		Support bitmap printing with different density and user defined bitmap printing. (Max size of each bitmap is 40K, the total size of bitmap is 256k)
Detection	Default	Paper out , paper near end, cutter jam detection, cover open switch
	Optional	Paper taken sensor
LED Indicator	Power	Green LED
	Paper	Blue LED
	Error	Red LED
	Status	Multicolor LED
Reliability	TPH life	150km
	Cutter life	2 million cuts
Power Supply	Input	AC 100V-240V
	Output	DC 24V/2A
Paper	Paper Type	Thermal Receipt Paper
	Paper Width	58mm/80mm
	Paper Thickness	0.056-0.13mm
	Roll Paper Diameter	Max. OD cp83m
	Paper Load	Front paper loading
	Paper Cut	Partial cut
Environment	Operation	0°C - 40°C, 20%-85%RH
	Storage	-20°C-70°C, 5%-95%RH
Physical Characteristics	Dimension	190(L) x 127(W) x 126(H)mm
	Weight	1.58KG
Options & Accessories		USB/Serial/Parallel Cable, Paper Roll, Power Adapter,Power Cord, CD, Quick Start Guide
Software	Emulation	ESC/POS
	Driver	XP/Win7/Win8 /Win10/POSReady/Linux /OPOS
	SDK	WinCE, Win Mobile, Android, iOS
Warranty		36 Months

* Specifications may change without notification (E&OE)

element™