

# POS thermal printer

## BTP-R880NPV POS thermal printer



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Item		BTP-R880NPV
Print	Print method	Direct thermal line printing
	Resolution	203×180DPI
	Print width	80mm(Max.)
	Print speed	Max.310mm/s
	Memory	RAM: 2MB, Flash: 4MB(standard),8MB(optional)
	Sensors	Paper near end sensor, Paper end sensor, TPH position, TPH overheating protection, Print Voltage
	Driver	Windows drivers(Win2000/XP/2003/VISTA/2008/Win7/Win8); Linux CUPS, MAC
	Interface	Standard interface: USB2.0(on-board)+Serial/Parallel/Ethernet/Wi-Fi/Bluetooth/Ethernet+Serial
Barcodes Fonts Graphics	Cash drawer control	1~2 cash drawers
	Barcodes	1D:UPC-A, UPC-E, EAN13, EAN8, CODE39, CODE93, ITF, CODABAR, CODE128 2D:PDF417,QR,MaxiCode, GS1-DataBar
	Fonts	Font A (12×24),Font B (9 ×17) ,Kanji Font A (24 × 24)
	Character set	95 Alphanumeric, 13 types of International characters, Traditional Chinese, Simplified Chinese, Japanese, Korean (optional)
	Character modification	Rotate (0°,90°,180°,270°), underline, emphasize, reverse, enlarge (1-6x)
Paper	Graphics printing	Bitmap image downloading and direct bitmap image print, RAM bitmap download:buffer size 128KB, FLASH bitmap download:buffer size 512KB
	Paper type	Continuous paper, Marked paper
	Paper thickness	0.06~0.1mm
	Paper width	82.5±0.5mm, 80±0.5mm, 76±0.5mm, 69.5±0.5mm, 57±0.5mm
Power supply	Paper roll OD	83mm (Max.)
	Paper cut	Full cut, Partial cut, Tear off
	Input	100~240V AC,50~60Hz
Reliability	Output	24±5%V DC, 2.15A
	Lifetime of print head	150 km (standard test condition)
	Lifetime of cutter	2,000,000 cuts (standard test condition)
	MCBF	70,000,000 lines
Environment	MTBF	360,000 hours
	Operation conditions	5 ~ 45°C, 20%~90%RH(40°C)
	Storage conditions	-40 ~ 60°C, 20% ~ 93% RH(40°C)
Physics Spec.	Dimensions	200mm(L)×145mm(W)×145mm(H)
	Weight	Approx. 1.7 kg
Standards	Standards	CE, CB, UL, FCC, Energy Star

### Features:

- High printing speed (310mm/s)
- Spill proof paper outlet
- Two-color printing
- Gray scale printing
- USB 2.0 on board (full speed)
- ENERGY STAR qualified
- Support paper saving usage
- Wall mount design
- Internal buzzer (adjustable volume)
- Firmware updating by USB memory stick



Spill proof cover



Wall mount design



Optional HERALD  
Specially designed for  
noisy environments like  
kitchens.



Firmware updating by  
USB memory stick

### Applications:

- Retail
- Hospitality
- Grocery
- Coupon
- Ticketing
- ATM
- Lottery



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