

# TP900-i

## Thermal Receipt Printer



### Characteristic

- Built in Arm-Linux platform, equipped with multiple interfaces
- Built-in Web server, support HiPOS app
- Support printer configuration via Web
- Supports MQTT cloud printing service, no drivers needed
- One fast charging port, PD 2.0 protocol, maximum output of 9V/2A
- Two USB HOST ports for connecting barcode scanner, customer display, and keyboard
- Ethernet & cash drawer ports included
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Cloud Printing



HiPOS App



Error reprint



Provide apps for different platforms

## Specification

Item	TP900-i	
<b>Printing Parameters</b>	Print Method	Direct Thermal
	Resolution	203 dpi (8 dots/mm)
	Print Width	Max. 72 mm (default)
	Print Speed	Max. 400 mm/s
	Emulation	ESC/POS, XML
<b>Print Media</b>	Media Types	Thermal continuous paper & black mark paper (requires optional black mark detection)
	Media Width	80 mm / 58 mm
	Roll Paper Diameter	Max. Φ83 mm
	Paper Load	Front Loading
<b>Interface</b>	Standard	1*USB Type-B (Device),1*USB Type-C (PD/Device),1*USB Type-C (HOST),1*USB Type-A (HOST), cash drawer, Ethernet, Wi-Fi (802.11 b/g/n/ac), Bluetooth 4.2/LE
	Optional	NFC Tags
<b>Sound Notification</b>	Type	Speaker
<b>Sensor</b>	Standard	Overheat, paper out, cover open, cutter jam, paper jam, paper pick-up
	Optional	Paper near end, black mark (Fixed position, choose 1 out of 4 options)
<b>Hardware</b>	CPU	STM32MP151
	RAM	128 MB
	Flash	256 MB
<b>Power Supply</b>	Input	AC 100 V-240 V, 50/60 HZ
	Output	DC 24 V/2.5 A
<b>Software</b>	Driver	Windows7/8/10, Windows Server 2008/2012/2016, Linux, JavaPOs, OPos, macOS
	SDK	Windows7/8/10, Windows Server 2008/2012/2016, Linux
	Cloud Printing Support	HPRT Cloud (HTTP Long Connection), MQTT Method
<b>Reliability</b>	TPH Life	200 km
	Cutter Life	1.5 million cuts
	Drop Height	1 m (with packaging)
	ESD resistance	4 kV/8 kV: A-level, 6 kV/10 kV: C-level for ESD resistance
<b>Environment</b>	Operation	0°C ~ 45°C, 25% ~ 85% R.H, no-condensation
	Storage/Transportation	-20°C ~ 70°C, 5% ~ 95% R.H, no-condensation
<b>Certification</b>	CCC, CE-RED	

## Application



**HPRT**  
Your Future, Printed

**Xiamen Hanin Co.,Ltd.**

Address: 1-5F, NO.8, Gaoqi South 12 th Road, Xiamen, China

Telephone: + 86-(0) 592-5885993

E-mail: overseas@hpert.com

Website: www.hpert.com

Brochure Version: 202407



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