PANTUM

BLAST THROUGH CHALLENGES WITH UNYIELDING RESILIENCE

INTUITIVE SERIES - DESKTOP THERMAL RECEIPT PRINTERS

PD-80/PD-80E/PD-80BW/PD-80ABEW MODELS

Running Forward

PD-80 SERIES

The PD-80 Thermal Receipt Printer integrates proven durability and smart efficiency for seamless workflow. It accommodates 58mm/80mm paper rolls via a four-roller design for effortless swaps, while a heavy-duty cutter (1.5M cuts) minimizes downtime. With IP54 protection and 120dB adjustable alarms, it performs reliably in noisy, harsh environments. Its wall-mountable design saves space, while 250mm/s quiet printing and smart temp control ensure non-stop performance. Built tough and designed smart—the PD-80 delivers productivity and resilience in high-demand settings.

【Model】
PD-80/PD-80E/PD-80BW/PD-80ABEW

【Print Speed】
250mm/s (max)

【Printing Method】
Direct Thermal

【Printing Width】
72mm (max)

【Interface】
USB + Ethernet + Bluetooth + Wi-Fi (optional)

SWIFT, SILENT & SMART

High-Speed & Low-Noise

With 250mm/s high-speed printing and low-noise operation, it delivers high efficiency while keeping the workspace quiet—ideal for any environment.

Bluetooth & Wi-Fi Dual Connectivity

Equipped with both Bluetooth and Wi-Fi connectivity, this printer allows for seamless switching between the two connection types, ensuring a hassle-free printing experience.
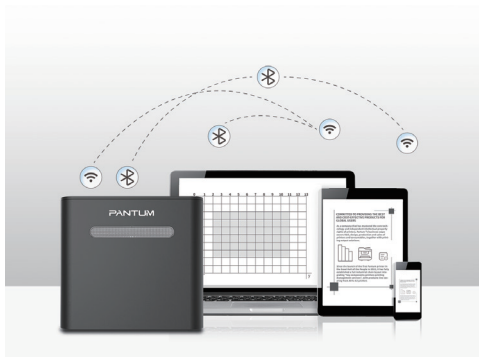
*For Wi-Fi models.

*The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

Multi-Device Ecosystem

Supports 32 PCs via WiFi or simultaneous 1 Android + 1 iOS connection via Bluetooth. Share tasks effortlessly.

*For Wi-Fi models.

BUILT TO ENDURE,READY TO ALERT

IP54 Waterproof & Dustproof Rating

Rated to IP54, this printer provides protection against spills, splashes, and dust in harsh environments like kitchens and warehouses, ensuring long-lasting reliability.

Audible-Visual Alarm

In noisy kitchens or industrial settings, the adjustable 120dB alarm (with flashing lights) cuts through chaos to signal issues and trigger quick response.

*For alarm-enabled models.

Smart Temp Control

Prevents overheating during prolonged continuous printing, ensuring stable output and extending machine lifespan.

Heavy-Duty Automatic Cutter

A robust, automatic cutter design boasts an impressive lifespan of up to 1.5 million cuts, significantly reducing the need for replacements.

Wall-Mountable Space-Saver

The wall-mountable design saves valuable space for compact environments like small offices or retail counters.

PRINT MORE, RELOAD LESS

58mm **80mm**

📥 Extra-Large Paper Compartment

Supporting both 58mm and 80mm label widths, the enlarged paper compartment reduces reload frequency, ideal for high-volume printing tasks.

80mm
80mm

⚙ Effortless Paper-Loading Design

Four built-in roller pairs enable quick and easy label replacement, streamlining operations and enhancing efficiency.

THERMAL RECEIPTS FOR ALL INDUSTRIES

Trusted Across Industries

From restaurant kitchens and retail counters to busy cafes, delivery hubs, cinemas, hospitals, and pharmacies—our printer delivers reliable, high-speed performance wherever precision and efficiency matter most.

Thermal Receipt Specialist

Dedicated to thermal receipt paper of various sizes for ultra-fast, crystal-clear prints.

PANTUM

PD-80 Series
Desktop Thermal Receipt Printer

Model	PD-80	PD-80E	PD-80BW	PD-80ABEW
General				
Resolution	203DPI	203DPI	203DPI	203DPI
Printing Method	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal
Interface	USB	USB+Ethernet	USB+Bluetooth+WiFi	USB+Ethernet+Bluetooth+WiFi
Emulation	ESC/POS	ESC/POS	ESC/POS	ESC/POS
Sensor	Open cover sensor/missing paper sensor/paper detection sensor			
Alarm	No	No	No	Yes
Printing				
Print Speed	250mm/s (max)	250mm/s (max)	250mm/s (max)	250mm/s (max)
Printing Width	72mm (max)	72mm (max)	72mm (max)	72mm (max)
Bar Code Forma	Code128, EAN128, ITF, Code39, Code93, EAN13, EAN13+2, EAN13+5, EAN8, EAN8+2, EAN8+5, CodeBar, Postnet, UPC-A, UPC-A+2, UPC-A+5, UPC-E, UPC-E+2, UPC-E+5, MSI, MSIC, PLESSEY, CPOST, ITF14, EAN14, Code11			
2D Code Format	QR code, PDF417, Micro PDF 417, DataMatrix, AZTEC			
Character Enlargement/Rotation	1-10x magnification /0°, 90°, 180°, 270° rotation/mirror printing			
Character	GB18030, BIG5, ASCII	GB18030, BIG5, ASCII	GB18030, BIG5, ASCII	GB18030, BIG5, ASCII
Extended Character	PC437, Katakana, PC850, PC860, PC863, PC865, West Europe, Greek, Hebrew, East Europe, Iran, WPC1252, PC866, PC852, PC858, IranII, Latvian, Arabic, PT151, PC747, WPC1257			
Character Size	9x17dot, 12x24dot, 24x24dot	9x17dot, 12x24dot, 24x24dot	9x17dot, 12x24dot, 24x24dot	9x17dot, 12x24dot, 24x24dot
Media				
Paper Type	Thermal receipt paper	Thermal receipt paper	Thermal receipt paper	Thermal receipt paper
Roll Width (including backing paper)	79.5mm±0.5mm	79.5mm±0.5mm	79.5mm±0.5mm	79.5mm±0.5mm
Roll Thickness (including backing paper)	0.06~0.08mm	0.06~0.08mm	0.06~0.08mm	0.06~0.08mm
Roll Outside Diameter	80mm (OD)	80mm (OD)	80mm (OD)	80mm (OD)
Feed	Feed sheet	Feed sheet	Feed sheet	Feed sheet
Memory				
Sdram	Ram 224KB	Ram 224KB	Ram 224KB	Ram 224KB
Flash	Flash 8MB (expandable)	Flash 8MB (expandable)	Flash 8MB (expandable)	Flash 8MB (expandable)
Power & Environment				
Power	Input power supply: AC100～240V 50/60Hz；Output power: DC 24V~1.5A			
Working Environment	Operating temperature: 5~40℃；Operating humidity: 25~85%			
Storage Environment	Storage temperature: -10~60℃；Storage humidity: 10~90%			
Physical				
Print Head Life	150km (print rate 18.5%)	150km (print rate 18.5%)	150km (print rate 18.5%)	150km (print rate 18.5%)
Cutter Life	1.5 million times	1.5 million times	1.5 million times	1.5 million times
Dimension	180 * 135 * 125 mm	180 * 135 * 125 mm	180 * 135 * 125 mm	180 * 135 * 125 mm
Weight	930g	930g	930g	930g
Accessories				
Accessories (standard)	1. Power cord; 2. USB cable; 3. Quick installation Guide; 4. Thermal receipt paper; 5. paper roll baffle			