

Ithaca Series 80 Plus

Ithaca brand thermal printers provide bold graphics, industry-leading speed and incredible cost savings. The Series 80PLUS prints clear, crisp receipts and coupons at an incredibly fast 42.5 lines per second (135 mm per second). The 80PLUS is the only thermal receipt printer on the market that accommodates a 4-inch (diameter) paper roll. The price-per-receipt using an 80PLUS is lower than that of any other thermal printer. The paper cost savings a typical retailer achieves on just 6 80PLUS printers pays for a 7th printer!* By utilizing a 4-inch paper roll, a typical user decreases roll changes by up to 44% -- leading to reduced downtime and maintenance expense.

The 80PLUS is available in two colors and is designed to provide long-lasting durability. Our simple paper loading feature makes the 80PLUS extremely operator friendly. We offer a standard two-year warranty with extended maintenance options to provide more service and convenience to our customers. The 80PLUS is a printer that gives you true savings and great performance.

* Based on 6 printers operating over 5-years, 50,000 receipts per year (per printer), 7-inch receipt length, comparison to 3-inch diameter paper roll and a 10% price differential (per linear foot) between 3 and 4-inch paper rolls. Actual customer savings will vary depending on their current workloads and cost of supplies.

<p>PRINT SPEED SPECIFICATIONS 135mm/sec (5.3 inches per second maximum) 8 lines per inch: 42.5 lines per second 6 lines per inch: 31.9 lines per second</p> <p>PRINTING CHARACTERISTICS</p> <table><thead><tr><th>Pitch (char./in.)</th><th>Maximum (char/line)</th></tr></thead><tbody><tr><td>15.6</td><td>44</td></tr><tr><td>20.3</td><td>57</td></tr></tbody></table> <p>All pitches are scalable up to eight (8) times horizontally or vertically Any mix of characters including scaling, reverse video, & rotated on the same line</p> <p>STANDARD FEATURES</p> <ul style="list-style-type: none">• Print Speed-Up to 135 mm/sec (5.3 inches per second)• Print Resolution-8 Dots per mm (203 dpi) Horizontal & Vertical• Auto Cutter-Partial Cut 3.2 mm (1/8 in. + -1/16 in.)• Standard Warranty-Two Years (Extended Maintenance Plan Available)• Simple Loading of Receipt Paper	Pitch (char./in.)	Maximum (char/line)	15.6	44	20.3	57	<p>PRINTER DRIVERS Windows™ 95/98, NT 4.0, OPOS</p> <p>OUR OPTIONS Kitchen Buzzer Barcode PDF 417</p> <p>OUR POWER REQUIREMENTS Standard (External): 24VDC Optional (External): 90-264 VAC Universal Switcher, 47-63 Hz</p> <p>OUR RELIABILITY Printer in full operation (using all available features)* MTBF: 94,000 Hours @ 12% Ratio Printhead Life: 100 Km Auto-Cutter: 1,000,000 Cuts <i>*Reliability data is based on Ithaca standard test conditions simulating a normal retail operating environment.</i></p> <p>OUR ENVIRONMENTAL SPECS Operating Temperature: 0 to +40 degrees C (32 to +104 degrees F) Operating Humidity: 10 to 90% RH non-condensing</p>
Pitch (char./in.)	Maximum (char/line)						
15.6	44						
20.3	57						

- Cabinet Colors-Light or Dark Gray
- Cash Drawer Drivers-Dual with Status (RJ11)
- Print Zone Width-72 mm (2.83 in.)
- Emulations-Ithaca/IBM, Epson ESC/POS® Axiohm
- APA Bit Map Graphics
- 67 Language Code Pages
- Data Buffer-8K (adjustable)
- Up to 38K RAM for a User-defined Character Set or Bit-image (adjustable)
- 63K Non-volatile Flash Buffer for Multiple Character Set and Bit-image Storage (accepts PCX images)
- Memory-256K Flash & 128K RAM
- Page Mode Capability
- Self Diagnostics
- Bar Codes-Code 39, Code 93, Interleaved 2 of 5, UPC-A & UPC-E, Codabar, EAN8 & EAN13, Code 128

OUR INTERFACE OPTIONS

RS232C Bi-Directional Serial (9-Pin)
IEEE1284 Bi-Directional Parallel (25-Pin)

OUR REGULATORY COMPLIANCE

FCC Class A
CSA 950
CE Mark
UL 1950
TUV 950

OUR MEDIA

Paper Roll (one ply thermal receipt):

Width: 79 to 80 mm (3.11 in. to 3.15 in.)

Diameter: 100 mm (4.0 in.)

Thickness: .06 mm to .09 mm (.0025 in. to .0035 in.)

OUR PHYSICAL CHARACTERISTICS

Dimensions:

152 mm W x 216 mm D x 142 mm H
(6.0 in. W x 8.5 in. D x 5.6 in. H)

Weight: 1.82 kg (4 lbs.)

Shipping Weight: 4.0 kg (8 lbs.)