

# ithaca<sup>®</sup> 280

With its large drop-in paper rolls, the **ithaca<sup>®</sup> 280** thermal receipt printer is ultra-fast, ultra-reliable, and built to thrive in challenging POS environments.



## FULL FEATURES AT BLAZING SPEED

- Ready to configure and integrate with your system
- Protected internal power supply
- Thermal receipt printing at blazing speed – 8 inches per second
- Prints crisp, clear receipts and promotions with bold graphics in one or two colors
- Extra large drop-in paper roll maximizes uptime
- Vertically mounted PC board defies spills

**TRANSACT**  
Technologies Incorporated

## PRINTING CHARACTERISTICS

Resolution (Horizontal and Vertical): 8 dots per mm (203 DPI)  
Print zone Width: 2.83 in. (72 mm.)  
Print speed (2-color): 4 inches per second (100 mm./sec)  
Print speed (mono): 8 inches per second (203 mm./sec)  
8 lines per in.: 64 lines per second  
6 lines per inch: 48 lines per second

Pitch(characters per inch)/  
Maximum(characters per line) 15.6/44, 20.3/57  
All pitches are scalable up to eight (8) times horizontally or vertically. Any mix of characters including scaling, reverse video, and rotated on the same line.

## PHYSICAL CHARACTERISTICS

Dimensions (in inches): 6.25 W x 8.5 D x 5.87 H  
Dimensions (in mm.): 159 W x 216 D x 150 H  
Weight: 4.2 lbs. (1.9 Kg)  
Shipping Weight: 5.6 lbs. (2.54 Kg)

## INTERFACE OPTIONS

RS232C: Bi-Directional Serial (9- or 25-Pin D-shell)  
IEEE1284: Bi-Directional Parallel (25-Pin D-shell or 36-Pin Centronics)  
Universal Serial Bus (USB)  
10 Base-T Ethernet

## PRINTER DRIVERS

USB, Windows™ 95/98/2000/Me/XP, NT 4.0, OPOS, Vista

## OPTIONS

- Adjustable paper low sensor
- Spill-resistant cover
- Wall mount kit
- Light gray or dark gray cabinetry
- Extended maintenance plan

## POWER REQUIREMENTS

Power supply internally mounted: 100-240 VAC Universal Switcher, 47-63 Hz OR 24 VDC from external power source

## RELIABILITY

Printer in full operation (using all available features)\*  
MCBF: 60,000,000 print lines  
Printhead Life: 100 km  
Auto-Cutter: 1,200,000 cuts  
\*Reliability data is based on our standard test conditions simulating a normal retail operating environment.

## ENVIRONMENTAL SPECS

Operating Temperature: 41 to +113 °F, 5 to +45 °C.  
Operating Humidity: 10 to 90% RH (non condensing)

## REGULATORY COMPLIANCE

FCC Class B      RoHS      CE Mark      UL/ULc      DEMKO



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## FEATURES AND BENEFITS

- Print Speed: Up to 203 mm/sec. (8 in. per second)
  - Auto-Cutter: Partial Cut
  - Metal tear off
  - Simple Drop-in Loading of Receipt Paper
  - Cash Drawer Drivers: Dual with Status (RJ12)
  - Available Emulations: Ithaca/IBM (PcOS®) (80PLUS, POSjet 1000, Model 151), Epson\* (ESC/POS, TM-T90, TM-T8II/III, TM-U200, TM-U300), Axiohm\* (7193/94/95), Microline, Star\*
  - APA Bit Map Graphics
  - 67 Language Code Pages
  - Data Buffer—8K (adjustable)
  - Up to 1MB RAM for a User-defined Character Set or Bit-image
  - 8MB Non-volatile Flash Buffer for Multiple Character Set, Bit-images and Electronic Journal
  - Unicode Support via Downloadable Font (Download Utility Available)
  - Page Mode Capability
  - Self Diagnostics
  - Bar Codes—Code 39, Code 93, Interleaved 2 of 5, UPC-A and UPC-E, Codabar, EAN8 and EAN13, Code 128, PDF417
  - Buzzer under application control
  - Paper Out Indicator
  - Standard Warranty: Three Years (Extended Maintenance Plan Available)
- \* Licensed Command Firmware available as an option.

## MEDIA (MONOCHROME OR 2-COLOR THERMAL PAPER)

- Paper roll (one ply thermal receipt): 3.15 inches (80 mm.) W, 4.0 inches (100 mm.) in diameter
- Paper roll thickness: .0025 in. to .0035 in. (.06 mm. to .09 mm.)

## SUPPLIES & SERVICE

We offer convenient one-stop shopping for all your printer needs—paper, spare parts, manuals, printer servicing/refurbishment and more. For more information, call us at 1.877.748.4222 or visit TRANSACT-TECH.com.

## WHO WE ARE

TransAct Technologies Incorporated (Nasdaq:TACT) is the leader in developing and manufacturing market-specific printers for transaction-based industries. These industries include gaming, lottery, banking, kiosk, POS, oil, gas and medical. Each individual market has distinct, critical requirements for printing and the transaction isn't complete until the receipt and/or ticket is produced. TransAct printers are designed from the ground up based on market specific requirements and are sold under the Ithaca®, Printrex and Epic product brands. TransAct distributes its products through OEMs, value-added resellers, and selected distributors. TransAct has over two million printers installed around the world. TransAct has a strong focus on the after-market side of the business, with a high commitment to printer service, supplies, and spare parts. TransAct is headquartered in Hamden, CT. For more information on TransAct, visit [www.transact-tech.com](http://www.transact-tech.com) or call 203-859-6800.

## WHERE TO REACH US

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