



Thermal receipt printing at blazing speed – 8 inches per second.

Prints crisp, clear receipts and promotions with bold graphics in 1 or 2 colors.

Extra large drop-in paper roll maximizes uptime.

Protected internal power supply.

Wireless option for optimum flexibility.

Ready to configure and integrate with your system.

Vertically mounted PC board defies spills.

**High speed. Full featured. Wireless.
Definitely not your usual printer.**

- Reliable, fast thermal printing.
- Sharp 1 or 2-color graphics, logos, coupons, you name it.
- Spill resistant design features.
- Wireless remote printing for placement flexibility.
- Small footprint saves space.
- Ready to configure easily into your system.

Meet the Ithaca® iTherm™ 280 thermal printer. Get ready for crisp, clear 1 or 2-color receipts with eye-catching marketing messages. The iTherm 280 is the intelligent choice for a number of reasons. For starters, it accommodates a large 4-inch diameter paper roll that drops right in. That means reduced downtime and maintenance expense. Its internal protected power supply and vertically mounted PC board are all part of its robust spill resistant design. It prints at an incredibly fast 8 inches (203 mm) per second and offers wireless capability. We offer a standard 2-year warranty with extended maintenance options. And, of course, the iTherm 280 is backed by our solid reputation for quality and reliability.



OUR PRINT SPEED SPECIFICATIONS

203 mm/sec. (8 in. per second)
 8 lines per inch: 64 lines per second
 6 lines per inch: 48 lines per second
 2-color printing: 100 mm/sec (4 in. per second)

OUR PRINTING CHARACTERISTICS

Pitch (characters/inch)	Maximum (characters/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.

OUR 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)
802.11b Wireless

OUR PRINTER DRIVERS

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

OUR OPTIONS

- Adjustable Paper Low Sensor
- Spill Resistant Cover
- Wall Mount Kit
- Light or Dark Gray Cabinetry
- Extended Maintenance Plan

OUR POWER REQUIREMENTS

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

OUR RELIABILITY

Printer in full operation (using all available features)*
MCBF: 60 Million 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.

OUR ENVIRONMENTAL SPECS

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

OUR 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 1.877.7ithaca (1.877.748.4222) or visit our Web site at www.transact-tech.com

OUR FEATURES AND BENEFITS

- Print Speed: Up to 203 mm/sec. (8 in. per second)
- Print Resolution: 8 Dots per mm (203 dpi) Horizontal and Vertical
- Auto-Cutter: Partial Cut
- Metal tear off
- Simple Drop-in Loading of Receipt Paper
- Cash Drawer Drivers: Dual with Status (RJ12)
- Print Zone Width: 72 mm (2.83 in.)
- Emulations: Ithaca/IBM (PCOS) (80PLUS, POSjet 1000, Model 151), Epson* (ESC/POS, TM-T90, TM-T88II/III, TM-U200, TM-U300), Axiohm (7193/94/95), Microline
- 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: Two Years (Extended Maintenance Plan Available)

* Automatic Status Back feature available as an option.

OUR REGULATORY COMPLIANCE

FCC Class B CSA 950 CE Mark UL 1950 TUV 950

OUR PHYSICAL CHARACTERISTICS

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

OUR MEDIA

Monochrome or 2-color thermal paper
Paper Roll (one ply thermal receipt):
 Width: 58 or 80 mm (2.29 or 3.15 in.)
 Diameter: 100 mm (4.0 in.)
 Thickness: .06 mm to .09 mm (.0025 in. to .0035 in.)

WHO WE ARE

TransAct Technologies, Inc. (NASDAQ: TACT) designs, develops, manufactures and markets transaction-based printers under the Ithaca® and Magnetec® brand names. In addition, the company markets related consumables, spare parts and service. The company's printers are used worldwide to provide receipts, tickets, coupons, register journals and other documents. The company focuses on the following vertical markets: point-of-sale (POS), and gaming and lottery. All of TransAct's products are manufactured in ISO9001-certified facilities.



WHERE TO REACH US

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 a product of TRANSACT
iTherm 280