



The Smarter Choice for

LABEL PRINTERS



TSC 鼎翰科技股份有限公司



THE SMARTER CHOICE

At TSC Auto ID Technology Co., Ltd. (TSC) we specialize in the research and development, manufacture and marketing of barcode printers. Our commitment to product quality is recognized by our loyal customer base and partner network around the world and has solidified our reputation as a world class printer manufacturer. Whether it is desktop, industrial, portable barcode printers, or its accessories and supplies, TSC products stand out for their user-friendly design, stable operation and unmatched durability. We are convinced that only excellent quality and dedicated service will earn lasting trust and praise from customers. Our dedication to our customers' satisfaction and success is what drives the growth of TSC.

Achievements

- Installation of more than 3 million barcode printers worldwide
- Top-5 global barcode printer manufacturer
- More than 25 years of history, purely focused on developing rugged, reliable, and affordably priced printers

Strengths

- The best price-performance value in the marketplace.
- Industry-best two-year warranty on all of our barcode printers, which is a testimony to the durable design and construction of our products.
- Top-of-the-line support for resellers and end-users from a can-do engineering and sales-support organization.
- Unlike TSC's competitors, TSC operates its own manufacturing facilities, which gives the flexibility to meet special engineering challenges that outsourced operations simply can't handle.
- Dedication to new product development provides resellers with a growing selection of innovative solutions designed to meet all their thermal label printing needs.
- Product customization & integration ensures smooth system installation.
- Every printer is given two 100% inspections to ensure perfect quality and reliability.



MANUFACTURING

Reduce human error, maximize production

From material tracking to production process management and inventory control, barcode management systems can accurately integrate all information effectively reducing costly human mistakes while raising production capacity and product quality.



WAREHOUSE & LOGISTICS

Improve logistics control procedures, enhance operational performance

From item marking and pallet labeling to inventory control and distribution, TSC Auto-ID logistics solutions will help you track goods throughout the supply chain. Using our barcode solutions, you can accurately identify inventory throughout your storage, handling, and distribution processes.



RETAIL

Simplify work flow processes

Whether it's tracking products, managing inventory, printing receipts, changing price tags or affixing special labels, TSC's sleek line of retail systems is designed to meet every such need a customer may have. Run your store faster and more efficiently, while boosting employee productivity, increasing margins through lower costs, and delivering top notch customer service.



HEALTHCARE

Greater medical safety through real-time access to correct case information

The barcode identification system reduces patient identification errors and ensures accurate tracking and management of patient medical records. Focus more time saving a patient's life and utilize all resources with one of our many printing solutions.



ENTERTAINMENT & HOSPITALITY

Simple interface streamlines ticketing and order taking

Compact, user friendly, and loaded with standard features, our line of printers is ideal for creating admission tickets, loyalty cards, VIP passes, coupons, event wristbands, shuttle bus tickets, and other entertainment-related media. Our printers support a variety of label styles, backgrounds and graphics to help create personalized tickets. Confidential information can also be added to prevent double-issuing and forgery of tickets.



CUSTOM SIGNAGE

High-performance labeling devices, easy solutions for custom needs

Whether warning or caution signage, regulatory labeling, container labeling, printing multiple rows of small labels, or even automatic labeling, the TSC product series has a solution for your specific needs.



TSC INDUSTRIAL LABEL PRINTERS: THE STRONGER CHOICE

For Unbeatable Price-performance, Unsurpassed Durability

Whether you're tracking materials on the assembly line or through the supply chain, TSC industrial label printers ensure precise end-to-end identification, resulting in improved quality control and significant cost savings. Built to last, our industrial printers feature a heavy-duty steel enclosure and internal assembly designed for extended high-volume use in industrial environments. They are rugged, dependable and designed to operate in cramped work areas where space is at a premium.

With their unbeatable price-performance and reputation for durability, our printers have become popular around the world for hundreds of thousands of customers who realize that TSC is truly "The Smarter Choice" for their industrial labeling needs.

APPLICATIONS BY PRINTER MODEL – THERMAL TRANSFER INDUSTRIAL PRINTERS

	ME240 SERIES	TTP-2410MT SERIES	MH240 SERIES	MX240P SERIES	TTP-2610MT SERIES	TTP-286MT SERIES
Warehousing & distribution	*	*	*	*		
Shelf & rack labeling	*	*	*	*	*	*
Industrial-duty printing		*	*	*		
Healthcare patient safety	*	*	*			
Compliance labeling	*	*	*	*	*	*
Work-in-process	*	*	*	*		
Ticketing		*	*	*		
Shipping & receiving		*	*	*		
Inventory management	*			*	*	*
Custom signage					*	*
Graphics, logos and texts					*	*

INDUSTRIAL

- MX240P SERIES – STRONG PERFORMANCE FOR HIGH VOLUME LABEL PRINTING.** Designed and built to handle your essential labeling needs where failure or disruption is not an option. The MX240P features the rugged components and industry best high speed performance handle the most important small and large 24x7 volume applications. Unique specifications include a 600-meter ribbons capacity, standard multiple connectivity interfaces including two USB hosts for keyboards, scanners and scales support, large addressable space for memory storage and the ability to print high quality tiny (3 mm height) labels.

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
MX240P	203 DPI	4.09"	1,000"	18 IPS	300 mm x 393 mm x 510 mm 11.81" x 15.47" x 20.08"	18 kg
MX340P	300 DPI	4.09"	450"	14 IPS		
MX640P	600 DPI	4.09"	100"	6 IPS		

KEY FEATURES

- Heavy duty die-cast aluminum design
- Fast 536 Mhz processor
- 4.3" color LCD with 6-button menus and touch panel operation
- Up to 457 mm (18") per sec. print speed



- TTP-2410MT SERIES – BEST IN CLASS HIGH SPEED INDUSTRIAL THERMAL TRANSFER PRINTER.** Built on a fully die-cast aluminum frame and designed to quickly and reliably deliver your tags and labels. Choose from three models to match the resolution you need to fit your application needs.

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TTP-2410MT	203 DPI	4.09"	1,000"	14 IPS	270 mm x 308 mm x 515 mm 10.63" x 12.13" x 20.28"	15 kg
TTP-346MT	300 DPI	4.09"	450"	10 IPS		
TTP-644MT	600 DPI	4.09"	100"	4 IPS		

KEY FEATURES

- Thermal Smart Control™ print technology for cleanest, high quality barcodes
- Heavy duty die-cast aluminum design
- 4.3" color LCD with 6-button menus and touch panel operation
- Up to 356 mm (14") per sec. print speed



- MH240 SERIES – FAST, HIGH VOLUME PRINTING FEATURING SOPHISTICATED DATABASE CONNECTIVITY.** Within the MH240 Series are 9 models designed to fit your enhanced print quality and high speed printing needs. The exclusive SSC (Setting Security Control) offers complete setting control, to prevent accidental and undesired changes. The new GUI is designed to deliver a large amount of data to the user in a quick and efficient manner making the MH240 Series the simplest and most informative midrange printer on the market.

KEY FEATURES

- Easy to operate with the new GUI design on color touch display (except basic model)
- 3.5" color LCD with 6-button control for standard model or 4.3" color touch LCD panel with 6-button control for advanced and premium model
- Includes 8" OD full roll internal rewinder (Only on MH240P/MH340P/MH640P)
- Small label peel off - Up to 0.5 inch length (MH240/MH340/MH640 and MH240T/MH340T/MH640T)

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
MH240/MH240T	203 DPI	4.09"	1,000"	14 IPS	276 mm x 326 mm x 502 mm 10.87" x 12.83" x 19.76"	15 kg
MH340/MH340T	300 DPI	4.09"	450"	12 IPS		
MH640/MH640T	600 DPI	4.09"	100"	6 IPS		
MH240P	203 DPI	4.09"	1,000"	14 IPS	276 mm x 412 mm x 502 mm 10.87" x 16.22" x 19.76"	18 kg
MH340P	300 DPI	4.09"	450"	12 IPS		
MH640P	600 DPI	4.09"	100"	6 IPS		





COMMITMENT TO TSC PARTNERS

- **ME240 SERIES – BEST VALUE INDUSTRIAL THERMAL TRANSFER PRINTER AVAILABLE.** Features a small footprint and low profile design that fits where larger industrial printers do not. The all-metal construction and die-cast aluminum print mechanism is durable enough to withstand the toughest production environments without breaking your budget.

KEY FEATURES

- 2-button 3-LED (basic model)/6-button LCD (advanced model) control panel
- 450 meter ribbon capacity
- Die-cast print mechanism for custom applications



Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
ME240	203 DPI	4.09"	90"	6 IPS	286 mm x 259 mm x 434 mm 11.26" x 10.20" x 17.09"	11 kg
ME340	300 DPI	4.09"	40"	4 IPS		

WIDE WEB

- **TTP-2610MT SERIES – EASY TO OPERATE WIDE WEB THERMAL TRANSFER PRINTER.** Your answer for 6 inch wide format compliance labels, product identification labels, and pallet shipping/receiving labels. Two models are available to match the resolution and speed you need for your wide web labeling applications.

KEY FEATURES

- 4.3" color LCD with 6-button menus and touch panel operation
- High quality die cast aluminum design
- Ethernet, USB 2.0, serial and parallel connectivity are standard
- USB host for stand-alone or data entry at print site



Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TTP-2610MT	203 DPI	6.61"	580"	12 IPS	355 mm x 337 mm x 520 mm 13.98" x 13.27" x 20.47"	23 kg
TTP-368MT	300 DPI	6.61"	260"	10 IPS		

- **TTP-286MT SERIES – 8.6" WIDE-FORMAT THERMAL TRANSFER PRINTER.** Ideally suited for compliance labeling, brand marketing, inventory control, drum labeling, warning signs and a host of other signage solutions. Two models are available to match the resolution and speed you need for your wide web labeling applications.

KEY FEATURES

- Die-cast chassis, sheet metal structure with clear media view window
- Can manage label widths up to 9.5" with a maximum print width up to 8.64" wide at 300 dpi high resolution
- 600 meter ribbon supply



Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TTP-286MT	203 DPI	8.5"	450"	6 IPS	440 mm x 336 mm x 514 mm 17.32" x 13.23" x 20.24"	23.7 kg
TTP-384MT	300 DPI	8.64"	200"	4 IPS		

MUTUAL BENEFIT

TSC is devoted to keeping long-term mutual partnerships.

INNOVATION

Dedication to new product development provides customers with a growing selection of innovative solutions, which is designed to meet all their thermal-label printing needs.



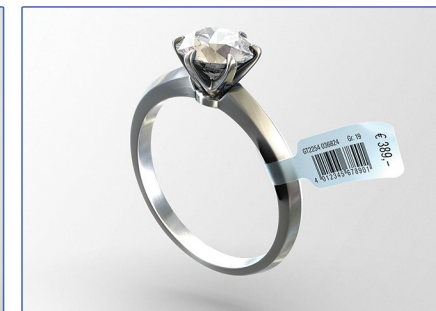
DEDICATION

TSC persistently provides the best quality and highest durability with all of our products.

SERVICE & SUPPORT

TSC offers partners and end-users top-of-the-line support, from a proactive engineering and sales-support organization.

COMMITMENT TO CUSTOMER APPLICATIONS





TSC Desktop Label Printers: MORE FEATURES, MORE SPEED, HIGHER RELIABILITY

If you're in the market for a desktop label printer that offers you more features and performance for the price, you'll quickly discover that TSC's products – from top to bottom – clearly outpace the competition. We offer a wide range of printers tailor-made for almost any desktop application – from patient ID bracelets, shelf labels and event wristbands to voter ID cards, and postal delivery labels. Our printers are loaded with standard features that our competitors often price as options – or don't offer at all. You'll enjoy the benefits of a printer that is not only rugged, dependable and economical, but also easy to set up, load and operate. Compare our printers with any other brand, and you'll discover what hundreds of thousands of others already have learned: TSC is clearly "The Smarter Choice" for a wide range of desktop labeling applications.

APPLICATIONS BY PRINTER MODEL – DIRECT THERMAL DESKTOP PRINTERS

	TDP-225 SERIES	TDP-324W SERIES	TDP-244	DA210/DA220 SERIES	TDP-247 SERIES
Retail POS	*		*	*	*
Shelf labeling	*		*	*	*
Product marking	*		*		*
Healthcare patient safety	*	*	*		*
Inventory/asset management	*		*		*
Office applications (mailings, file-folder labeling)	*		*	*	*
Shipping	*		*	*	*
Event admissions		*			
High resolution print & graphics					*
Food ingredient marking	*		*		*
Document management	*		*	*	*
Receipt/coupon printing	*		*	*	*

2" WIDE

- **TDP-225 SERIES – SMALL DIRECT THERMAL LABEL AND RECEIPT PRINTER WITH BIG FEATURES.** Deliver high speed 2-inch-format direct thermal labels and receipts that are crisp and clear. It's ideal for retail and other labeling applications.

KEY FEATURES

- High quality double-walled clamshell design
- Up to 127 mm (5") per second print speed
- Serial and USB 2.0 connectivity

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TDP-225	203 DPI	2.13"	90"	5 IPS	109 mm x 171 mm x 209 mm 4.29" x 6.73" x 8.23"	1.2 kg
TDP-324	300 DPI	1.89"	40"	4 IPS		



- **TDP-324W SERIES – DIRECT THERMAL WRISTBAND PRINTER.** The most cost effective, simple to use, solution for printing medical, government and entertainment wristbands.

KEY FEATURES

- Designed to hold 6.5" OD wristbands
- Front LCD display
- Ethernet and USB 2.0 connectivity

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TDP-225W	203 DPI	2.05"	90"	5 IPS	109 mm x 210 mm x 260 mm 4.29" x 8.27" x 10.24"	1.2 kg
TDP-324W	300 DPI	1.89"	40"	4 IPS		



4" WIDE

- **DA210/DA220 SERIES – COMPACT DESIGN DIRECT THERMAL DESKTOP SOLUTION.** The most versatile and affordable direct thermal desktop printer consists of 4 models designed to provide the right fit for your application at the best price anywhere.

KEY FEATURES

- High quality double walled clamshell design
- Up to 152.4 mm (6") per second print speed
- Spring loaded media holder
- 5" OD media capacity

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
DA210	203 DPI	4.25"	110"	6 IPS	172 mm x 165 mm x 195 mm 6.77" x 6.50" x 7.68"	1.5 kg
DA310	300 DPI	4.16"	40"	4 IPS		
DA220	203 DPI	4.25"	1,000"	6 IPS		
DA320	300 DPI	4.16"	450"	4 IPS		



- **TDP-247 SERIES – BEST-IN-CLASS DIRECT THERMAL DESKTOP PRINTER.** World class performance at a competitive price. The TDP-247 uses the best print heads, motors and power supplies in the industry to deliver the world's fastest, most reliable and long-lived direct thermal desktop printer.

KEY FEATURES

- Up to 177.8 mm (7") per second print speed
- Drop-in media loading
- 5" OD internal media supply, optional external media holder supports 8.4" OD label rolls on 1" or 3" cores

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TDP-247	203 DPI	4.25"	90"	7 IPS	200 mm x 164 mm x 240 mm 7.87" x 6.46" x 9.45"	1.9 kg
TDP-345	300 DPI	4.17"	40"	5 IPS		



- **TDP-244 – LOW COST DIRECT THERMAL DESKTOP SOLUTION.** Low cost entry level 4-inch-format direct thermal desktop printer delivers fast label throughput in a reliable double-wall clamshell design.

KEY FEATURES

- High quality double walled clamshell design
- Easy media loading
- 5" OD media capacity

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TDP-244	203 DPI	4.25"	90"	4 IPS	200 mm x 164 mm x 240 mm 7.87" x 6.46" x 9.45"	1.9 kg





TAIWAN
EXCELLENCE 2012

2" WIDE

- **TTP-225 SERIES – 2 INCH THERMAL TRANSFER DESKTOP PRINTER.** Small space saving design uses industry standard ribbons and media.

KEY FEATURES

- Small size – space saving design
- Easy media loading
- High quality double walled clamshell design

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TTP-225	203 DPI	2.13"	90"	5 IPS	140 mm x 177 mm x 241 mm	2.45 kg
TTP-323	300 DPI	2.13"	40"	3 IPS	5.5" x 6.97" x 9.5"	

4" WIDE

- **TX200 SERIES – HIGH PERFORMANCE FOR A NEW GENERATION.** The TX200 Series desktop label printers deliver industrial printer type of performance in a desktop printer package. TSC uses the better print heads, motors and power supplies than anyone in our industry to deliver the world's fastest, most reliable and long-lived thermal transfer desktop printer. With 203, 300 and 600 dpi resolutions available, the TX200 provides your solution for everything from high volume 4x6 shipping labels to the smallest high resolution electronic marking applications.

KEY FEATURES

- Large memory capacity – 128 MB Flash and 128 MB SDRAM
- Label capacity up to 127 mm (5") OD
- Up to 203 mm (8") per second print speed
- 3.5" color TFT Display (Standard for TX600, Optional for TX200 & TX300)
- USB host interface for stand-alone application

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TX200	203 DPI	4.25"	1,000"	8 IPS	226 mm x 198 mm x 332 mm	3.75 kg
TX300	300 DPI	4.17"	450"	6 IPS	8.90" x 7.80" x 13.07"	
TX600	600 DPI	4.17"	100"	4 IPS	226 mm x 200 mm x 332 mm	4.08 kg
					8.90" x 7.87" x 13.07"	

- **TC SERIES – THE HIGH-PERFORMANCE SMALL FOOTPRINT THERMAL TRANSFER DESKTOP.** Durable, reliable and fast, the TC series generates 4-inch-wide labels, tags or receipts at fast speeds, offering a price-performance combination that is unmatched by other desktop thermal barcode printers on the market. Uses industry standard ribbons on half-inch notched cores. 4 different models are available including versions with color LCD displays in both 203 and 300 dpi resolutions.

KEY FEATURES

- Multiple interfaces: Ethernet, USB, USB host, parallel, and serial
- Rugged double wall construction
- Use standard 0.5" notched core ribbons

Model	Resolution	Operation	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TC200	203 dpi	1 button,	4.25"	90"	6 IPS	203 mm x 191.5 mm x 259.3 mm	2.2 kg
TC300	300 dpi	1 tricolor LED	4.15"	40"	4 IPS		
TC210	203 dpi	6 buttons,	4.25"	1,000"	6 IPS		2.3 kg
TC310	300 dpi	color LCD display	4.15"	450"	4 IPS		

- **TE200 SERIES – SUPERIOR, FAST PERFORMANCE, FEATURING LEGENDARY TSC DURABILITY.** TE200 Series provides customers throughout the world with a competitive, durable, entry-level desktop printer that is both versatile and easy-to-use. With an easy to load print mechanism and an Energy Star 2.0 rating, the TE200 Series is extremely energy efficient. The printer will take both, 1/2" core 72 meter to 110 meter, or 1" core 300 meter thermal transfer ribbons allowing customer to use whichever supply of ribbons they have available.

KEY FEATURES

- Multiple interfaces: Ethernet, USB, USB host, and serial (for TE210 & TE310)
- 5" OD internal media supply, optional external media holder supports 8.4" OD
- Print mechanism for kiosk applications

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TE200	203 DPI	4.25"	110"	6 IPS	204 mm x 164 mm x 280 mm	2.4 kg
TE300	300 DPI	4.16"	40"	5 IPS		
TE210	203 DPI	4.25"	1,000"	6 IPS		2.5 kg
TE310	300 DPI	4.16"	450"	5 IPS		

APPLICATIONS BY PRINTER MODEL – THERMAL TRANSFER DESKTOP PRINTERS

	TTP-225 SERIES	TTP-243 PRO SERIES	TTP-244 PRO	TA210 SERIES	TC SERIES	TE200 SERIES	TTP-247 SERIES	TX200 SERIES
Retail POS	*			*	*	*		
Shelf labeling	*	*	*	*		*	*	*
Product marking	*	*	*	*	*	*	*	*
Healthcare patient safety	*	*	*	*	*	*	*	*
Inventory/asset management	*				*		*	*
Small/home office mailing	*			*				
Shipping		*	*	*	*	*	*	*
Event admissions	*							
High resolution print & graphics				*	*	*	*	*
Oil change/auto service labeling	*			*		*		
Pharmacy prescription labeling	*			*	*	*	*	*
Compliance labeling		*	*	*	*	*	*	*
Asset tracking		*	*		*		*	*
Inventory control		*	*	*	*	*	*	*
Document management		*	*		*		*	*
Receipt/coupon printing	*							

- **TTP-247 SERIES – THE WORLD'S BEST THERMAL TRANSFER DESKTOP PRINTER.** Based on TSC's dual motor design featuring 300 meter ribbon capacity, the TTP-247 Series desktop label printers deliver industrial printer type of performance in a desktop printer package. We use the better print heads, motors and power supplies than anyone in our industry to deliver the worlds fastest, most reliable and long-lived thermal transfer desktop printer.

KEY FEATURES

- Uses 300 meter ribbons
- Dual-motor gear-driven design
- Up to 177.8 mm (7") per second print speed

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TTP-247	203 DPI	4.25"	90"	7 IPS	213 mm x 188 mm x 314 mm	2.8 kg
TTP-345	300 DPI	4.17"	40"	5 IPS		
					8.39" x 7.40" x 12.36"	

- **TA210 SERIES – NEXT GENERATION VALUE LINE 300 METER RIBBON THERMAL TRANSFER DESKTOP.** TA210 series reinvents the definition of value for low cost desktop label printers. It features two durable gear-driven motors capable of handling large capacity 300 meter ribbons and large rolls of media inside its sleek design.

KEY FEATURES

- Dual-motor gear-driven design
- 5" OD internal media supply, with an optional external media holder supporting 8.4" OD label rolls on 3" cores
- Print mechanism for kiosk applications

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TA210	203 DPI	4.25"	110"	5 IPS	224 mm x 186 mm x 294 mm	2.45 kg
TA310	300 DPI	4.09"	40"	4 IPS		
					8.82" x 7.32" x 11.57"	

- **TTP-244 PRO – VALUE LINE 300 METER RIBBON THERMAL TRANSFER DESKTOP.** The TTP-244 Pro printer is the only inexpensive solution that offers 300 meter ribbon supply, a powerful processor, generous memory, internal scalable fonts and the world's most popular barcode printer language emulations in one small package.

KEY FEATURES

- Dual-motor gear-driven design
- 300 meter ribbon supply on a 1" core (coated side out)
- 4.3" OD internal media supply, optional external media un-winder supports 8.4" OD label rolls on 1" or 3" cores

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TTP-244 PRO	203 DPI	4.25"	90"	5 IPS	232 mm x 156 mm x 288 mm	2.5 kg
					9.13" x 6.14" x 11.34"	

- **TTP-243 PRO SERIES – 300 METER RIBBON THERMAL TRANSFER DESKTOP PRINTER.** TSC's original TTP-243 series desktop printers earned a reputation as the toughest, most durable printer in its class. The TTP-243 Pro Series incorporates the same features, plus brand-new state-of-the-art electronics, packing even more performance into an entry-level platform.

KEY FEATURES

- Dual-motor print engine
- Ribbon capacity up to 300 m (984 feet)
- Label capacity up to 214 mm (8.4") OD

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
TTP-243 PRO	203 DPI	4.09"	90"	3 IPS	232 mm x 156 mm x 288 mm	2.5 kg
TTP-342 PRO	300 DPI	4.09"	40"	2 IPS		
TTP-243E PRO	203 DPI	4.09"	90"	3 IPS		
					9.13" x 6.14" x 11.34"	

» TSC MOBILE PRINTERS

MOBILE PRINTERS

- ALPHA-2R – SMALLEST MOBILE PRINTER.** Alpha-2R is a comfortable, user-friendly, light-weight printer capable of working with any mobile printing application where you need access to quick, simple receipts or tickets. It is designed for rough environments, withstanding a 5ft drop or 6.5ft drop with the optional protective case. The Alpha-2R can connect via wired or wireless communication making it an easy to print and scan anywhere.

KEY FEATURES

- Energy Star 2.0 compliant printer with high capacity 1620mAh Lithium Ion battery operates up to 17 hours of use per battery charge
- Largest media capacity in the 2" receipt market supports 58 mm wide and 50 mm outer diameter receipt roll
- WiFi CERTIFIED™

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
ALPHA-2R	203 DPI	1.89"	90"	4 IPS	89.3 mm x 134.5 mm x 56.5 mm 3.52" x 5.3" x 2.22"	0.35 kg

- ALPHA-3R – SIMPLIFY YOUR EVERYDAY MOBILE PRINTING NEEDS.** The Alpha-3R is a comfortable, light-weight printer capable of working with any mobile printing application where you need quick, simple receipts/selected labels on demand. Featuring one of the largest media capacities in its class, and a long-life rechargeable battery – you will spend more time working and less time on maintenance.

KEY FEATURES

- Large paper capacity to reduce the frequency of changing paper roll
- High-speed processor and extensive memory for fast print speeds of up to 4" (102 mm) per second
- Lasts more than 30 hours of printing receipts/selected labels on a single battery charge

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
ALPHA-3R	203 DPI	2.83"	90"	4 IPS	116 mm x 148 mm x 70 mm 4.57" x 5.83" x 2.75"	0.55 kg

- ALPHA-4L – RUGGED AND RELIABLE MOBILE LABEL PRINTING.** The Alpha-4L is designed to reliably deliver the mobile labeling and document printing applications you need in the most demanding environments. The printer features a large media cabinet and a long-life rechargeable battery to minimize downtime. With its optional case, the printer is IP54-rated to resist dust, water, and also can endure up to a 6 foot fall and continues to print.

KEY FEATURES

- Works with EPL, ZPL, CPCL, TSC Droid APP & SDK, WinCE Quick-link tool & SDK, iOS SDK
- Wired & wireless communication available: USB 2.0, RS-232, Bluetooth, and 802.11 a/b/g/n
- Linerless ready

Model	Resolution	Max. Print Width	Max. Print Length	Max. Print Speed	Dimensions (W x H x D)	Weight
ALPHA-4L	203 DPI	4.09"	90"	4 IPS	160 mm x 191.6 mm x 79 mm 6.30" x 7.54" x 3.11"	1.1 kg

APPLICATIONS BY PRINTER MODEL – DIRECT THERMAL MOBILE PRINTERS

	ALPHA-2R	ALPHA-3R	ALPHA-4L
Price markdown	*	*	*
Product marking	*	*	*
Healthcare patient safety	*	*	*
Inventory / Asset management	*	*	*
Shipping	*	*	*
Ticketing	*	*	*
Receipt / coupon printing	*	*	*

INTERFACE	Desktop														Industrial						Mobile					
	Direct Thermal				Thermal Transfer										Thermal Transfer						Direct Thermal					
	TDP-225 Series	TDP-324W Series	TDP-244	DA210 Series	DA220 Series	TDP-247 Series	TTP-225 Series	TTP-243 Pro Series	TTP-244 Pro	TA210 Series	TE200 Series	TE210 Series	TC200 Series	TC210 Series	TTP-247 Series	TX200 Series	ME240 Series	TTP-246M Pro Series	TTP-2410MT Series	MH240 Series	MX240P Series	TTP-2610MT Series	TTP-286MT Series	Alpha-2R	Alpha-3R	Alpha-4L
RS-232 (Serial)	✓				✓	✓	✓	✓	✓	⚡		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⚡	⚡	⚡
Centronics (Parallel)						✓	⚡	⚡	⚡			✓	⚡	✓	⚡	⚡	⚡	✓	⚡	⚡	⚡	✓	✓			
USB 2.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethernet	⚡	✓			✓	⚡	⚡		⚡		✓	✓	✓	⚡		✓	⚡	⚡	✓	✓	✓	✓	✓			
Internal Bluetooth				⚡	⚡					⚡										⚡	⚡		⚡	⚡	✓	
USB host		⚡			✓	⚡					✓		✓		✓	✓	⚡	⚡	✓	✓	(Standard x2)	✓	✓			
802.11 a/b/g/n wireless (internal)				⚡																			⚡	⚡	⚡	
802.11 a/b/g/n wireless (slot-in)															⚡	⚡		⚡	⚡	⚡	⚡	⚡		⚡	⚡	
NFC																							⚡			
SD card reader			✓		✓		⚡	⚡				✓	✓	✓			✓	⚡	⚡	✓	✓	✓	✓			
microSD card reader	✓	✓				✓			✓							✓				✓	✓					✓
GPIO																		⚡	⚡	⚡	⚡	⚡	⚡			
Real Time Clock	✓	✓	⚡		⚡	⚡	✓	(Except for TTP-243E Pro)		✓	✓	(F, Standard in EMEA)	(F, Standard in EMEA)	⚡	(TX200 & TX300: F, TX600: Standard)		✓	✓	✓	✓	✓	✓	✓	✓		✓
WINDOWS DRIVER	OPERATING SYSTEM																									
Windows 2000 professional	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2000 Server	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows XP Home	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows XP professional 32 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows XP professional 64 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2003 server 32 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2003 server 64 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Vista 32 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Vista 64 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2008 32 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2008 64 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 7 32 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 7 64 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 8 32 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 8 64 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 10 32 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 10 64 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LINUX DRIVER	OPERATING SYSTEM																									
Linux 32 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Linux 64 bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAC DRIVER	OPERATING SYSTEM																									
OS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* (U): User, (D): Dealer, (F): Factory Option

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