

Low cost, high quality thermal receipt printers with unique Star high speed processor for a TRUE print speed of 100mm per second.

TSP613 Tear Bar Version
TSP643 Autocutter Version

- Quality design for low cost receipt printing with the added cost-effective flexibility of a unique Tear Bar version
- Star white or charcoal grey versions available with the choice of serial or parallel interfaces. Options include USB, 9pin Serial and Ethernet
- Quality suite of device drivers available for easy integration into various operating systems: Windows 95, 98, ME, 2000™, NT4.0™, XP™, OPOS™, Star Raster Driver for TrueType processing, JAVA-POS™, Linux CUPS Support™, Apple MAC™ and the high speed Star Scalable Raster Driver
- Star Quality engineering providing user-friendly features including easy paper loading, 58mm paper width option with user installable paper guide (80mm standard) and two colour print capability (red & black or blue & black)
- Unique 2nd copy raster driver with electronic journal for that matrix replacement automatic 2nd copy without expensive software changes
- Easy-Load, Drop-In & Print
- Interface recess for effective cable management
- Two colour output Blue / Black or Red / Black at costs comparable to other technologies.
- Tear Bar and Autocutter versions
- Power switch cover for preventing accidental system disruption
- Optional wall mount bracket available

TSP600 SERIES SPECIFICATIONS	
Printer Method	Direct Linear Thermal
Print Speed	100mm per sec. / 31 lines per sec.
High Speed Processing	Unique Star Processor with 8 Mbit Flash Memory
Print Resolution	203dpi (8 dots per mm)
2 Colour Print Capability	Red & Black / Blue & Black (special paper required)
Number of Columns	Star Mode 48, ESC/POS™ Font A 42 Font B 64
Character Set	ANK 95, 32 International 128 Graphic
International Code Pages	Star Mode = 40, ESC/POS™ = 10 + 1 Blank
Barcodes	UPC-A, UPC-E, JAN / EAN-8, JAN / EAN 13, Code 39, Code 93, Code 128, 2 of 5, NW-7 Codabar in both Star & ESC/POS™ mode
Line Spacing	3mm; 4mm or Programmable
Paper Specifications:	
Width	80mm standard / 58mm option
Thickness / Weight	0.065 – 0.085mm / 65 – 85gsm
Roll Diameter	Up to 90mm
Easy-Load	"Drop-In & Print"
Paper Sensor	Paper End and Near End Standard
Maximum Print Width	80mm paper = 72mm (standard), 58mm option = 50.8mm
Top Margin	TSP613 – 13mm, TSP643 – 14mm default (TSP613 – 3mm selectable)
Autocutter	Partial cut (Pizza Type)
Logo Store	2 Mbit Flash ROM with Easy-to-Use Utility or Driver
Flash ROM / SRAM	8 Mbit Flash ROM plus 2 x 1 Mbit Static RAM
Drivers Available	High Speed Scalable Raster Graphics Driver, Windows 95 / 98 / ME / 2000™, NT4.0™, OPOS™, JAVA-POS™, Linux CUPS Support™, 2nd Copy Raster, Apple Mac™
Interface	RS232C Serial or Parallel as standard USB, 9-pin Serial and Ethernet options
Emulation	Star Line Mode & ESC/POS™
Peripheral Drive Circuit	2 circuits, (24V max. 1A) 1 Compulsion input
Power Consumption	Operating / Waiting -Average 1.3 / 0.5A
Operating Conditions:	
Temperature	5°C to 45°C
Humidity	10% – 90% RH (without condensation)
Storage Conditions:	
Temperature	-20°C to 60°C
Humidity	10% – 90% RH
Dimensions	142 (W) x 199 (D) x 132 (H) mm
Weight	1.4Kg
Safety Standards	UL, C-UL, TÜV, FCC, VCCI, EN55022, CE, CB
Printer Reliability	60 million lines (CRT MCBF), 20 million lines (Traditional)
Autocutter	500,000 cuts (0.065 – 0.085mm paper)
Options	USB, Ethernet & 9-pin serial interface (user installable) 58mm paper guide Wall mount kit Star White or Charcoal Grey Casing PS60L Power Supply

All specifications are subject to change without notice.

09/03



Fast, Low Cost, High Quality Receipt Printers
THE TSP600 SERIES



Star Micronics Europe, Star House,
Peregrine Business Park, Gomm Road,
High Wycombe, Bucks HP13 7DL, UK
Tel: +44 (0) 1494 471111
Fax: +44 (0) 1494 473333
Email: sales@starmicronicseurope.com

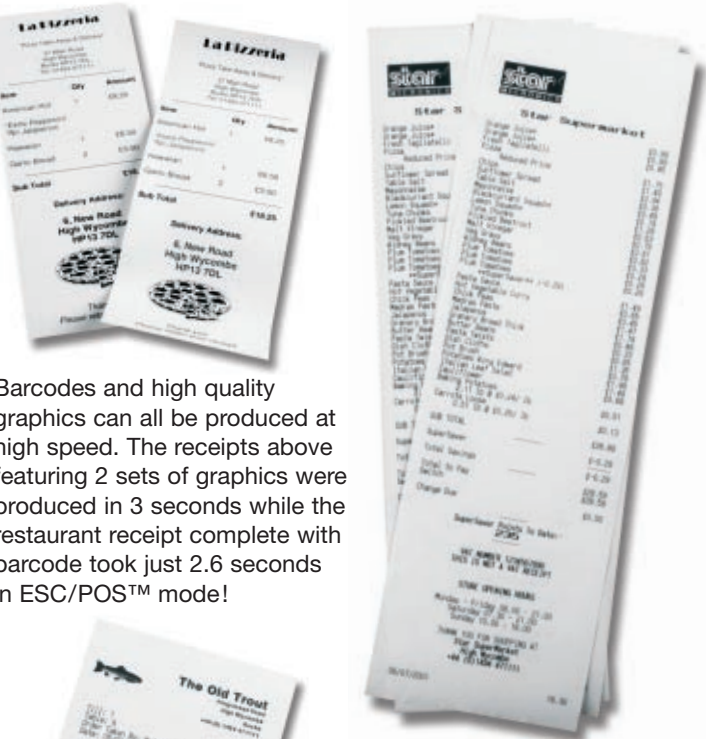
www.StarMicronicsEurope.com

POINT-OF-SALE • TICKETING • RETAIL • HOSPITALITY

The latest, entry-level thermal product from Star packed with a host of highly sophisticated features, thereby creating, what must be, the lowest cost, highest spec'd receipt printer available on the market today

Star Performance

The TSP600 Series is capable of high speed, low cost printing with a throughput unmatched at this price today. The combination of the latest Star processor with an 8Mbit Flash memory, a print speed of 100 mm /second (31 lines per second) and highly sophisticated Star drivers has resulted in a low cost printer capable of achieving the same high quality output at speeds similar to "so-called" higher specified competitive products. Contact Star for the latest competitive product speed comparisons on Sales@StarMicronicsEurope.com



Barcodes and high quality graphics can all be produced at high speed. The receipts above featuring 2 sets of graphics were produced in 3 seconds while the restaurant receipt complete with barcode took just 2.6 seconds in ESC/POS™ mode!

The TSP600 is also perfect for high volume outlets. This detailed supermarket receipt, with over 35 items and a high quality logo, was printed by the amazing TSP600 in just 6 seconds!

Star Choice

Unique Tear Bar Version As well as an autocutter version, Star has included a unique tear bar version in the range which will offer potential users an even lower cost option.



TSP613 Tear Bar Version TSP643 Autocutter Version



"Drop-in & Print" Easy Load

It couldn't be simpler – open the case, drop the new roll of paper in, shut the lid and take the money!

Star Design

Interface recess for effective cable management.



Star Versatility

For an entry-level, basic receipt printer, the TSP600 offers a wealth of options including:



Wall Mount bracket option
User installable – for those space-restricted environments.



Power switch cover option
For preventing accidental system disruption.

Paper guide for 58mm paper option – simply insert the low cost paper guide in the printer to change from 80mm wide paper to 58mm wide paper for low cost, narrow receipt environments such as dry cleaners, ticketing etc. Please note this compact printer can handle paper rolls up to 90mm in diameter allowing our customers to make cost savings as well as change the roll less often.



Printer Colour – not everything is black and white and the TSP600 Series is no exception. Not only available in Star white or charcoal grey casing, Star Micronics can even provide powder pink if you require a large quantity. Contact Star at Sales@StarMicronicsEurope.com for further details.



Star Quality

This entry-level printer is a true all rounder and is capable of printing high quality barcodes for coupons or tickets on media up to 85gsm.



Star Colour

Fast, cost-effective two colour output (blue/black or red/black) at costs comparable with other point of sale technologies.



Star Support and Unique Function Enhancing Drivers

A quality suite of device drivers are available for effective and easy integration into various operating systems including: Windows 95, 98, ME, 2000, NT4.0, XP™, Apple MAC OS™, JAVA-POS™, Linux CUPS Support™, OPOS™ as well as a variety of unique Star drivers for even greater functionality:

The unique Star Automatic 2nd Copy Raster Driver with Electronic Journal

Do you want to take advantage of the speed and quality of a thermal printer?...but still need a paper journal?

Impact printers have always been capable of printing a duplicate copy for each transaction, which could be used for store audit purposes. Now retailers can take advantage of this feature when using thermal printers without having to invest in expensive software changes.



Star has developed a unique Raster Copy Driver enabling each receipt to be copied as it is printed at the Point of Sale, which can then be stored in the till for audit purposes. The copy receipt is clearly marked "Second Copy – Void" to distinguish it from the original and can be printed as a "run" at the end of day or with every receipt.



Alternatively, the data can be captured at the Point of Sale once each transaction is completed, thereby creating a basic "electronic journal" which can then be stored on a central controlling PC ready to be printed at a later date. Now daily transactions can be printed when required, without the need to store large quantities of records for tax purposes.

The Raster Copy Driver is currently available for the new Star TSP600, TSP700, TSP800 and TUP900 thermal printers running in Star Mode on Windows™ 95, 98, ME, XP or 2000.

Automatic Scalable Raster Driver

Allows users to place more data on the humble receipt to inform and motivate their customers.

High Speed Raster Driver

For virtually instant TrueType™ font processing.