Introducing the world's fastest single station receipt printer capable of producing barcodes, labels and tickets at a rapid 250mm per second.

Parallel Interface Versions:
TSP743C
(Star White Case)
TSP743C-GRY
(Charcoal Grey Case)

Serial Interface Versions:
TSP743D
(Star White Case)
TSP743D-GRY
(Charcoal Grey Case)

USB Interface Versions:
TSP743U
(Star White Case)
TSP743U-GRY
(Charcoal Grey Case)

Without Interface Versions:
TSP743
(Star White Case)
TSP743-GRY
(Charcoal Grey Case)

- "Drop-In & Print", easy paper loading. Literally drop a roll of paper into the printer, close the lid and the paper is loaded!

- New splash resistant design with easy-clean curves for robust kitchen / bar use

- Two colour output for emphasis purposes using specialist two colour paper

- Compact footprint in either horizontal or vertical mode

- Compatibility with the majority of operating platforms with a quality suite of drivers including Microsoft WHQL certification for the TSP700II using the USB interface for seamless integration

- Full or partial cut autocutter (centre) MCBF 2 million cuts

- Featuring well-known Star reliability and support with an MCBF of 60 million lines

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TSP700II SERIES SPECIFICATIONS

Printer Method	Direct Thermal Line Printing
Print Speed	up to 250mm/second
Receipt Per Minute throughput speed	Up to 53 receipts per minute (standard 20 line receipt)
Print Resolution (vertical x horizontal)	203 x 203 dpi, 406 x 203 dpi
Print Density	7 step selection by memory switch or control command
Character Matrix	12 x 24 dots, 9 x 24 dots
Two Colour Print Capability	Red, Blue and Black (special paper required)
No. of Columns	48 / 64 or 53 / 71 (depends on Paper Width) incl. 1st column print for lottery applications
Character Set	ANK 95, 32 Int 128 Graphic
International Code Pages	Star Mode = 40. ESC/POS™ = 6 & 1 Blank allowing an additional character page to be added
Barcodes	9 versions / PDF 417, QR (Maxicode Option Pending)
Line Spacing	3mm or 4mm + Programmable
Paper Feed Speed	up to 250mm/sec.
Paper Specifications:	
Width	80mm standard. 82.5 & 58mm also available by simply moving installed paper guide
Weight	0.065 ~ 0.15mm / 63 ~ 150gsm
Roll Diameter	100mm
Easy-Load	"Drop-In & Print"
Paper End / Black Mark Sensor	Standard
Near End Sensor	Two sensors for horizontal and vertical use
Maximum Print Width	80mm paper = 72mm, 82.5 paper = 80mm, 58 paper = 52mm
Top Margin	13mm default (3mm selectable via Memory Switch)
External Straight Paper Feed Path	Standard
Autocutter (guillotine)	Full or Partial cut selectable (centre cut)
Logo Store	2 Mbit Flash ROMs with graphic management software
Flash ROM	16Mbits
Drivers Available	Windows 2000/XP, Vista™, WePOS, OPOS™, Linux™, Java-POS™, Mac OS X, USB Vendor Class, Windows 98/ME/NT4 (download only)
Interface versions	Serial, Parallel. USB, Non-interface versions with low cost Ethernet and WiFi options
Emulation	Star Line Mode & ESC/POS™
Peripheral Drive Circuit	2 circuits, (24V max. 1A) 1 Compulsion input
Power Consumption	Operating / Waiting – Average 1.8 / 0.15A
Operating Conditions:	
Temperature	5°C to 45°C
Humidity	10% ~ 90% RH (without condensation)
Storage Conditions:	
Temperature	-20 to 60°C
Humidity	10% ~ 90% RH
Dimensions (without interface cover)	147 (w) x 213 (d) x 148 (h) mm / 1.75 Kg
Safety Standards	UL, C-UL, TÜV, FCC, VCCI, EN55022, CE, Gost
Reliability	
Printer	60 million lines (MCBF)
Autocutter	2 million cuts
Options	Splash Proof cover Parallel, Serial, Ethernet, WiFi, USB Interface Wall & Vertical Mount Kits (Basic wall mount kit supplied with printer) Buzzer

All specifications are subject to change without notice.

Splash Proof cover and Auto Sensing Dual Interface options

New features included in the box at purchase :
Driver CD, Wall & Vertical mount kits, and Interface & Power switch covers

www.StarMicronics.com.au

High Speed Multi-functional Barcode, Label, Ticket and Receipt Printers
THE **TSP700II** SERIES

BARCODES • POINT-OF-SALE • HOSPITALITY • LABELLING • KIOSK

Introducing the 2nd generation TSP700 Series. A class leading printer, the TSP700II is the fastest single station thermal printer available today and still the only multi-functional printer capable of printing barcodes, labels, tickets and receipts. Backwardly compatible with the TSP700, the TSP700II supersedes its predecessor in terms of its superior functionality, speed and additional futurePRNT software tools.

High Speed Performance

The TSP700II is the fastest single station receipt printer available today, capable of printing at up to 250mm per second with outstanding throughput – a result of its innovative firmware and superbly engineered hardware. This printer does not "pause" or "hiccup" and could literally print a metre long receipt in just 4 seconds.

However, this is not how your customers will judge the speed. Simply measuring how fast the head will print one isolated mm line of print does not convey the investment that Star has put into the overall "build" and manufacturers have confused the issue by providing different cpi figures for users to compare. What customers really want to know is just how many standard 20 line receipts this printer can produce.

Star has therefore developed a new standard in print speed measurement called **RPM** where Star has measured (in laboratory conditions) the actual time taken to produce an entire receipt from the moment the software requests it to when the printer has produced it.

Just look at the results – the TSP700 is testament to the vast difference in throughput speed when using the latest printer technology and board components. Please bear in mind that normally we would not target a competitor's product but feel it is necessary to show the difference this new method of measurement can make.

Printer	Driver	Resolution (dpi)	Print Speed mm/sec.	USB Interface Graphic Receipts Per Minute	USB Interface Resident Fonts Receipts Per Minute	Parallel Interface Graphic Receipts Per Minute	Parallel Interface Resident Fonts Receipts Per Minute
Star TSP700II	Advance Raster Advance Line	203	250	50	53	44	53
Epson TM-T88IV™	Receipt3 Ver.5.0.1.0	180	200	42	45	41	45
Epson TM-T88III™	Receipt3 Ver.5.0.3.0	180	150	6	38	6	38

Star Hardware Design

Although the TSP700II looks very similar to its predecessor, it has in fact experienced a complete, but subtle, redesign. This will decrease noise, improve reliability in harsh environments and provide users with more sophisticated accessories – from the basic wall mount kit and aesthetically pleasing interface covers included in the box, to the designed mount for the variable length buzzer.

Printer Redesign

Star has enhanced this class leading, industry accepted printer by redesigning it from every angle, including changing the cover to repel debris or liquid spillage in harsh environments. The interface covers should prevent the printer not working behind "wet" bars. This subtle redesign has also reduced the cutter noise from interrupting any peaceful retail transactions.

Flush fitting edges complete the Star redesign

What is in the Box?

The printer is now provided with more accessories at purchase than any other competitive printer in its class – interface cover, wall mount and operation kit with rollers and paper support, power switch cover, start-up roll of paper with variable paper width guide and CD-ROM with futurePRNT software and drivers. There is even space in the box for resellers to include the power supply if required.

Compact Design

The new TSP700II has a compact footprint of only 147(w) x 213(d) x 148(h) mm (without interface cover).

More Interface versions than ever before!

The TSP700II will be available with the traditional serial and parallel interfaces as well as USB 2.0. There will also be a non-interface version for those wishing to take advantage of the new low cost Star Ethernet interface, WiFi or the new dual, auto-sensing serial and USB interface options (HUN01).

"Drop-In & Print" Easy Load

The Multi-Function Printer

The ability of TSP700 Series to print barcodes, labels, tickets and receipts on media up to 0.15mm thick has led to the adoption of this printer in so many environments. Star has built on this success with a number of specialist features designed to complement the environment chosen.

High speed, high quality receipting will leave your customers enjoying their retail experience whether you choose to use the free-of-charge retail software tools or not.

The hospitality environment is probably the harshest. This printer will continue to work when others would simply have gone up in smoke due to the new spillage resistant design.

Is this a receipt printer or a dedicated label printer? It is both! Produce up to 4,000 high quality labels day-in, day-out with an amazing metre of output every 4 seconds. Simplify your maintenance and training requirements by using the world's only multi-functional single station printer for your receipts and labelling needs.

Can any printer work in a kiosk? No, only those designed specifically for this purpose. The TSP700II is provided with a vertical mount facility with the paper rollers needed for vertical use as well as two paper sensors for use in the vertical or horizontal position. Email our specialist kiosk department for more detailed information. Star has even thought of your software needs and added an **Receipt Rotation Tool** which will turn the receipt round for user comfort.

Higher Definition Print Quality

If you want to increase the size of your logo with even higher definition print out, simply select the 203 x 406 dpi graphics choice from the driver found in the printer's properties configuration page.

Key Software Features

Following Star's desire to provide customers with hardware and software features to increase the value of their POS printer, a number of *futurePRNT™* software tools have been added. These allow our users to complement their existing software with graphic management and coupon / text processing tools as well as a number of more technical tools to aid integration and the smooth running of the whole POS system. Examples of these include the **Star Serial or Parallel Virtual Port Emulator tools** allowing Ethernet or USB use whilst still retaining legacy software or the **Hex Dump Tool** making the system integrators job so much easier.

The additional business tools include the **Star Graphics Management Tool** which can work with current POS software and place new graphics at the top or bottom of receipts. This tool also features a name and list facility for easy identification and downloading for multiple system installations. Whilst the **Star Text Processing Tool** can trigger any number of actions from coupons to word replacement to sounding a buzzer! All tools are available from the printer properties configuration page.

As usual, Star is able to provide compatibility with the majority of operating platforms with a quality suite of drivers including Microsoft WHQL certification for the TSP700II using the USB interface for seamless integration.

Linux™

JavaPOS™

OPOS

Designed for Microsoft® Windows® XP

ESC/POS™

Works with Windows Vista™