TSP800II Series

*Unique High Speed **112mm** wide Barcode, Label, Receipt and Ticket Printers*

Models

Interface versions available:
- **TSP847IID** Serial
- **TSP847IIC** Parallel
- **TSP847IIU** USB
- **TSP847II HI X** with **CloudPRNT**
- **TSP847II** Non-Interface version for use with low cost Ethernet (HE07) option
- **TSP847II AirPrint** A4 to virtual A6 replacement printer

Works with Apple AirPrint

Key applications
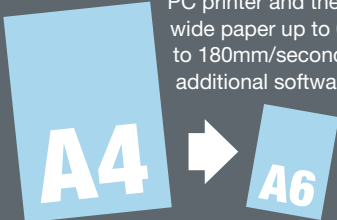
- Retail
- Hospitality
- Logistics
- Kiosk

Providing unique versatility and cost effectiveness, the TSP800II series is capable of printing on wider than average media up to 112mm with an automatic A4 raster driver scaling A4 images onto A6.

- 180mm/second Barcode, Label, Receipt and Ticket Printer with Autocutter as standard
- Wide 4" (104mm) print width – on paper stock up to 0.15mm thick. Paper guide for 80mm paper roll printing
- Internal or External paper feed paths (external for large capacity or fanfold applications)
- "Drop-In & Print" easy paper loading
- Compact footprint with vertical "Desk Boot" and Wall Mount options – ideal for kiosk applications
- ESC/POS™ compatible in Standard and "Super Large" mode
- Automatic scalable raster driver for immediate A4 reduction to A6
- Black mark sensor for fixed length labels and tickets

AUTOMATIC PAGE SCALING – A4 to A6

The TSP800II Scalable Raster Driver provides the ability to format a page or screen image in the same way as a standard PC printer and then print that image on 112mm wide paper up to 0.15mm thick. All this at up to 180mm/second, without the need for additional software and zero warm-up time!

A4 ▶ A6

TSP800II SCALABLE RASTER DRIVER

A4 automatic scalable invoice feature is now in use in the UK's largest and fastest-growing budget hotel brand, Whitbread's Premier Inn with over 650 budget hotels.

Apple AirPrint™

TSP847II – Apple AirPrint™ Certified 112mm Receipt, Label and Ticket Printer

Works with Apple AirPrint

Star TSP847II AirPrint is the first 112mm receipt, label and ticket AirPrint POS printer certified by Apple. AirPrint is an Apple technology providing easy mobile printing solutions for Apple iPad, iPhone and MacBook users on any private network.

Star's TSP847II AirPrint Solution will provide Ethernet and WiFi use with an Apple WiFi Alliance certified dongle included in the box with EU and UK power supplies.

Capable of scaling an A4 image onto 112mm wide paper, the TSP847II can be integrated as a cost effective receipt, ticket or label printer or an easy-to-use and compact alternative to standard A4 invoice or report printers in retail and hospitality environments with a faster print speed and significant paper and consumables cost savings.

Thermal Printers

STAR PRINTER SERIES	mC-Print2 Series	mC-Print3 Series	TSP100IIU+ Series	TSP100III Series	TSP100IV Series	TSP650II Series	TSP700II Series	TSP800II Series	mPOP
	Pages 4-5	Pages 4-5	Page 8	Pages 8-9	Page 9	Pages 10-11	Page 14	Page 15	Page 6-7
Description	58mm receipt printer with multiple interfaces, Star CloudPRNT and Peripheral Hub	80mm front operating receipt printer with multiple interfaces, Star CloudPRNT and Peripheral Hub	80mm entry level USB receipt printer	80mm receipt printer with fixed interface options	80mm dual USB / LAN receipt printer with AOA Android support and Star CloudPRNT	80mm receipt printer with plug-in interface options	80mm receipt, label, ticket and kiosk printer	112mm receipt, label, ticket and kiosk printer	Combined 58mm receipt printer and cash drawer
Application	Receipts	Receipts, Kiosk	Receipts	Receipts	Receipts	Receipts, Labels (TSP654SK)	Receipts, Labels, Tickets, Kiosk	Receipts, Labels, Tickets, Kiosk	Receipts
Max. Print Speed	100mm/sec.	250mm/sec.	200mm/sec.	250mm/sec.	250mm/sec	300mm/sec.	250mm/sec.	180mm/sec.	100mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	203 dpi
No. of Columns	48 col.	64 col.	48/64 col. depending on paper width	48/64 col. depending on paper width	48/64 col. depending on paper width	48/64 col. depending on paper width	48/64, 53/71 col	Max. 104 col.	48 col.
Autocutter	Full or partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)
Paper Width	58mm	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard, 82.5, 58mm	112mm	58mm
Paper Thickness	0.053 – 0.075mm	0.053 – 0.075mm	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.053 – 0.075mm
Max. Paper Roll Diameter	54mm	83mm	83mm	83mm	83mm	83mm	100mm or External Paper Feed	100mm or External Paper Feed	50mm
Media Presentation	Front Receipt Exit, Top Paper Loading	Front Receipt Exit, Front Paper Loading	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery Options. Wall mounting inclusive	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included & optional Paper Exit Guide	User Selectable Paper Delivery Options	Front Receipt Exit, Front Paper Loading
Print Width	54mm / 50.8mm / 48mm default	50.8mm / 72mm default	50.8mm (58mm Paper), 72mm (80mm Paper)	50.8mm (58mm Paper), 72mm (80mm Paper)	50.8mm (58mm Paper), 72mm (80mm Paper)	50.8mm (58mm Paper), 72mm (80mm Paper)	Max. 80mm	Max. 104mm	54 or 48mm
Sensors	Paper End, Cover Open	Paper End, Paper Near End (mCP31L/LB, mCP31C/CB), Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Paper Near End (horizontal & vertical), Cover Open	Black Mark, Paper End, Paper Near End (horizontal & vertical), Cover Open	Black Mark, Paper End, Paper Near End (horizontal & vertical), Cover Open	Paper End, Cover Open
Connectivity	**mCP20:** USB, LAN, Cloud **mCP21LB:** USB, LAN, Cloud, iOS USB with SteadyLAN, Bluetooth, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models)	**mCP30:** USB, LAN, Cloud **mCP31L:** USB, LAN, Cloud, iOS USB with SteadyLAN, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models) **mCP31LB:** as above with Bluetooth **mCP31C:** LAN, Cloud, USB-C with SteadyLAN, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models) **mCP31CB:** as above with Bluetooth	USB	**TSP143IIIU:** USB with iOS Data & Charge **TSP143IIIE:** Ethernet **TSP143IIIBI:** Bluetooth **TSP143IIIW:** WLAN	USB-C, LAN, USB-A with AOA Android Data & Charge, Star CloudPRNT Wireless LAN with MCW10 option	Plug-in Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), HI X Connect with CloudPRNT (HI01X) Separate Bluetooth and AirPrint models	Plug-in Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), HI X Connect with CloudPRNT (HI01X)	Plug-in Serial (HD03), 9-Pin Serial (HNO3), Parallel (HC03), USB (HU07), Ethernet (HE07), HI X Connect with CloudPRNT (HI01X) Separate AirPrint model	Contact Star for connectivity options
Power Supply	External PS60C included	External PS60C included	Internal with power cable included	Internal with power cable included	Internal with power cable included	External option PS60	External option PS60	External option PS60	Internal with power cable included
Power Consumption	19.2 W Printing 1.44 W Standby	45.6 W Printing 1.68 W Standby	45 W Printing 3.4 W Standby	46 W Printing 3.5 W Standby	43 W Printing 3.5 W Standby	45.6 W Printing 3.6 W Standby	43.2 W Printing 3.6 W Standby	48 W Printing 2.88 W Standby	32.34 W Printing 25.77 W Standby
Energy Star Certified	Yes	Yes	Yes	Yes	Yes	Yes	Yes	–	Yes
Reliability	60 million lines 1 million cuts	60 million lines 2million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	37 million lines 2 million cuts	18 million lines 300,000 cuts
Dimensions (w x d x h) mm Weight	96 x 113 x 100 0.8kg	132 x 140 x 125 1.3kg	142 x 204 x 132 1.68kg	142 x 204 x 132 1.68kg	140 x 169 x 123	104 x 203.5 x 132 1.60kg	147 x 312 x 148 1.75kg	180 x 213 x 148 1.9kg	308 x 300 x 100 3.3kg
Options and Accessories	In box: • PS60 Power Supply Options: • mC-Print Cable Tidy • mC-Sound Buzzer Alarm • SCD222 Display • Star 1D Scanner • MCW10 Wireless LAN module	In box: • PS60 Power Supply • 58mm Paper Guide Options: • Wall mount kit • mC-Sound Buzzer Alarm • SCD222 Display • Star 1D Scanner • MCW10 Wireless LAN module	In box: • Power Cable • Interface Cable • Wall Mount • Power Switch Cover • Paper Roll • 58mm Paper Guide Options: • T100 Splash Proof Cover • VS T100 Vertical Stand • Buzzer Alarm	In box: • Power Cable • Interface Cable • Wall Mount • Power Switch Cover • Paper Roll • 58mm Paper Guide Options: • T100 Splash Proof Cover • VS T100 Vertical Stand • Buzzer Alarm	In box: • Power Cable • Interface Cable • 58mm Paper Guide Options: • Buzzer Alarm • MCW10 Wireless LAN module	In box: • PS60 Power Supply (check with reseller) • Wall Mount • Power Switch Cover • 58mm Paper Guide Options: • PS60 Power Supply • T650 Splash Proof Cover • VS T650 Vertical Stand • Buzzer Alarm • Plug-in Interfaces	In box: • Wall Mount • Power Switch Cover • 58mm Paper Guide • Cable Cover Options: • PS60 Power Supply • WB-T700 Wall Mount • T700 Splash Proof Cover • VS-T700 Desk Boot • Buzzer Alarm • Plug-in interfaces	In box: • Power Switch Cover Options: • PS60 Power Supply • WB-T800 Wall Mount • VS-T800 Desk Boot • Buzzer Alarm • 80mm Paper Guide • Plug-in interfaces	In box: • Power Cable • Counter Clip • Paper Roll • Plastic Tablet Stand Options: • Star 1D Scanner • SCD222 Display • POPPack Tablet Stand • VESA Mount • Under Counter Mount Kit

▶ Industry standard 1D & 2D barcode support on all printers