

# TSP700II Series

Versatile High Speed **80mm** wide Barcode, Label, Receipt and Ticket Printers

## Models

Interface versions available:

- TSP743IID Serial Interface
- TSP743IIC Parallel Interface
- TSP743IIU USB Interface
- TSP743II BI Bluetooth
- TSP743II HI X with CloudPRNT
- TSP743II Non-interface version for use with low cost Ethernet (HE07) option

## Key applications

- ✦ Retail
- ✦ Hospitality
- ✦ Logistics
- ✦ Kiosk



Combining speed, reliability and ease-of-use, the TSP700II multifunctional 80mm printer produces high resolution graphics and barcodes for tickets, receipts and labels.

- Fast single transaction receipt printer capable of producing barcodes, labels and tickets at 250mm/sec.
- Large paper roll capacity, diameter 100mm (offering up to 60% more paper than a standard 80mm roll)
- “Drop-In & Print” easy paper loading
- Full or partial cut AutoCutter (centre cut) life 2 million cuts
- Ergonomic splash resistant design with easy-clean case and splash-proof cover available
- Double Density (406 x 203 dpi) for high quality graphics, 1D & 2D barcodes etc.
- Compatibility with all major operating platforms with a comprehensive suite of drivers including Microsoft WHQL certification for seamless USB integration
- Digital Receipting available
- Black mark sensor for fixed length labels and tickets

## TSP700II DRIVER/ADVANCED CONFIGURATION UTILITY

- ▶ The “Image List” allows users to name and import multiple file types without having to use an external image editing utility. This is particularly useful for single users to prepare an image (size, shade, pixel output) and then test print it to check the final quality
- ▶ **NV logo** allows users to quickly and easily download logos to the printer
- ▶ Ability to change **Memory Switches** in an easy-to-use graphical user interface
- ▶ The new built-in **Ethernet Set-up** feature avoids having to download a separate utility
- ▶ **Auto-Text Reverse** for vertical use is available from the Device settings menu in raster mode
- ▶ **Intuitive simple set-up** provides compatibility with all Star single station printers

## TSP700II features & accessories



Barcodes, labels, receipts and tickets, all from one model.



“Drop-In & Print” Easy Paper Loading



Splash Proof Cover



Wall Mount Kit

# Thermal Printers

STAR PRINTER SERIES	mC-Print2 Series	mC-Print3 Series	TSP143IIECO	TSP100III Series	TSP650II Series	TSP700II Series	TSP800II Series	FVP10	mPOP
									
	Pages 4-5	Pages 4-5	Pages 8-9	Page 8-9	Page 10-11	Pages 14	Pages 15	Pages 13	Page 6-7
Description	58mm Receipt Printer with up to 5 Interfaces and 2 USB Host Ports	80mm Front Operating Receipt Printer with up to 5 Interfaces and 2 USB Host Ports	80mm Receipt Printer with futurePRNT technology and ECO features	80mm Receipt Printer with futurePRNT technology	80mm Receipt Printer with Plug-in Interface options	80mm Receipt, Label, Ticket and Kiosk Printer	112mm Receipt, Label, Ticket and Kiosk Printer	80mm Front Operating Under Counter Receipt and Label Printer	Combined 58mm Bluetooth Receipt Printer and Cash Drawer
Application	Receipts	Receipts, Kiosk	Receipts	Receipts	Receipts, Labels (TSP654SK)	Receipts, Labels Tickets, Kiosk	Receipts, Labels Tickets, Kiosk	Receipts, Labels, Tickets	Receipts
Max. Print Speed	100mm/sec.	250mm/sec.	150mm/sec.	250mm/sec.	300mm/sec.	250mm/sec.	180mm/sec.	250mm/sec.	100mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	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, 53/71 col	Max. 104 col.	48/64 col. depending on paper width	48 col.
Autocutter	Full or 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)	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, 82.5, 58mm	112mm	58 – 80mm fully adjustable	58mm
Paper Thickness	0.053 – 0.075mm	0.053 – 0.075mm	0.065 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.065 – 0.15mm	0.053 – 0.075mm
Max. Paper Roll Diameter	54mm	83mm	83mm	83mm	83mm	100mm or External Paper Feed	100mm or External Paper Feed	83mm	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 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	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)	Max. 80mm	Max. 104mm	Max. 72mm	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, 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	Black Mark, Paper End, Paper Near End, Cover Open	Paper End, Cover Open
Interface	mCP20: USB, LAN, Cloud mCP21LB: USB, LAN, Cloud, IOS USB with SteadyLAN, Bluetooth, 2 x USB Host Ports	mCP30: USB, LAN, Cloud mCP31L: USB, LAN, Cloud, IOS USB with SteadyLAN, 2 x USB Host Ports mCP31LB: as above with Bluetooth mCP31C: LAN, Cloud, USB-C with SteadyLAN, 2 x USB Host Ports mCP31CB: as above with Bluetooth	USB	TSP143IIIU: USB with IOS Data & Charge TSP143IIIE: Ethernet TSP143IIIBI: Bluetooth TSP143IIINW: WLAN	Serial, Parallel, USB, Ethernet, Bluetooth, AirPrint, Hi X Connect and Non-Interface versions. Plug-in options: Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), Hi X Connect with CloudPRNT (HI01X)	Serial, Parallel, USB, Bluetooth, Hi X Connect and Non-Interface versions. Plug-in options: Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), Hi X Connect with CloudPRNT (HI01X)	Serial, Parallel, USB, Bluetooth, AirPrint and Non-Interface versions. Plug-in options: Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), Hi X Connect with CloudPRNT (HI01X)	Dual Interface USB and Plug-in Serial HD03, Parallel HC03 or Ethernet HE07 (sub chassis needed). Bluetooth version FVP10BI with additional USB	Bluetooth, 1 Slave USB 2 x 0.5A and 2 x 1.5A USB Host Ports
Power Supply	External PS60C included	External PS60C included	Internal with power cable included	Internal with power cable included	External option PS60	External option PS60	External option PS60	External option PS60	Internal with power cable included
Power Consumption	19.2W Printing, 1.44W Standby	45.6W Printing, 1.68W Standby	10.6W Printing, 0.05W Standby	46W Printing, 3.5W Standby	45.6W Printing, 3.6W Standby	43.2W Printing, 3.6W Standby	48W Printing, 2.88W Standby	37.44W Printing, 2.88W Standby	32.34W Printing, 25.77W 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 1 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	60 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 1.74kg	142 x 204 x 132 1.68kg	104 x 203.5 x 132 1.60kg	147 x 312 x 148 1.75kg	180 x 213 x 148 1.9kg	144 x 227.7 x 114 2.8kg	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 • 2D Scanner	In box: • PS60 Power Supply • 58mm Paper Guide Options: • Wall mount kit • mC-Sound Buzzer Alarm • SCD222 Display • Star 1D Scanner • 2D Scanner	In box: • Power Cable • USB 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: • 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	In box: • 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 Switch Cover • Interface Cable Options: • PS60 Power Supply • MK-FVP10 Mounting Bracket • Cable Cover • 2nd interface option	In box: • Power Cable • Counter Clip • Paper Roll • Plastic Tablet Stand Options: • mC-Sound Buzzer Alarm • Star 1D Scanner • SCD222 Display • POPPack Tablet Stand • VESA Mount • Under Counter Mount Kit

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