star TMP500

High Quality, High Speed Printer Mechanisms

After the success of the industry-leading TMP900 wide format printer, Star Micronics is proud to introduce the new TMP500 printer mechanism. With a more compact footprint and support for smaller paper widths, the TMP500 is a welcomed addition to Star Micronics' printer mechanism line to provide solutions to an even greater range of applications. The TMP500 features an industry leading print speed of up to 220mm/sec and higher reliability at an MCBF of 60 million lines.

The optional looping presenter prevents paper jams by printing the receipt in full before providing it to the user. An innovative bezel (snout) option can be attached directly to the presenter to capture the user's attention with subtle flashing LED lights.

The TMP500 features adjustable paper widths of 45mm-82.5mm documents. With the addition of the optional Large Paper Roll Accessory, it supports up to a 10" paper roll for hours of unattended operation.

Star mechanisms have been used in thousands of applications from lottery machines, bus ticketing, ATM machines, medical devices, and busy airports. Star recognizes that many applications have unique installation requirements. Star offers a variety of printer mechanisms and matching control board solutions to meet your specific application needs.
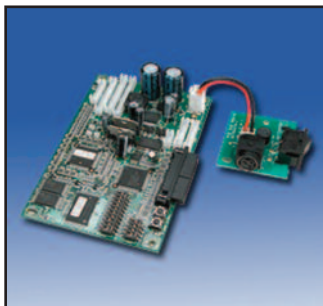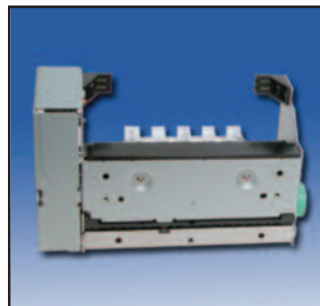
- Direct Thermal

- Adjustable Paper Width from 45mm-82.5mm

- High Speed: Up to 220mm/s

- Optional Presenter

- Optional Bezel (Snout)

- Autocutter: Full Cut (Guillotine)

- Swappable Interfaces

Optional Control Board

Optional Near End Sensor

Optional Presenter

Optional Flashing LED Bezel

Compatible with Windows 7

Designed for Microsoft Windows XP

RoHS Compliant

star micronics

Always Leading - Always Innovating

TMP500 Specifications

High Quality, High Speed Kiosk Printers

	Hardware	Software
Features	**Hardware** High Speed Printing (up to 220mm/s) Adjustable Print Width (40-80mm) Modular Design for Easy Integration Reliable Guillotine Cutter Semi-Automatic Paper Loading Swappable Communication Interfaces 2D Barcode Support Two Color Printing for Sharp Graphics	**Software** Logo Utility (Store Logos, Coupons, and Graphics) Memory Switch Configuration Setup Utility Double Resolution Low Peak Current Set-Up Available StarIO SDK
Connectivity Note: Connections in **bold** are supported; grayed-out connection types may be supported by special request.	**9-Pin Serial** **25-Pin Serial** **Parallel** **USB** Powered USB **Ethernet** WiFi Dual 9-Pin Serial/USB	**Virtual Serial Port to USB** **Virtual Serial Port to Ethernet** Virtual TCP/IP Port
Drivers	**Windows® XP** **Vista (32 bit / 64 bit)** **Windows 7 (32 bit / 64 bit)** **Server 2008 (32 bit / 64 bit)** **CE** **XP Embedded** **POS for .NET**	**OPOS™** **JavaPOS™** **USB Vendor Class** **Linux™ CUPS** **MAC OS X CUPS**
What's Included	TMP542 (without presenter)	
Optional Accessories	External Power Supply (PS60A) Swappable Interface Cards (see **Connectivity** above) Large Paper Roll Holder (RHU-T500) including 3 inch Paper Core Adapter Near End Paper Sensor (NEU-T500) Flashing LED Bezel (Snout) Damper Roller Unit (DRU-T500B)	PR521-24-A (Presenter) Control Board (TBD500-24-A) PowerSub Board (PBD-5) Operation Panel (OPA-T900)
Technical Specifications	Print Method : Direct Thermal Print Speed : Up to 220mm/s Paper Width : 45 – 82.5mm (adjustable) Paper Thickness : 0.06 – 0.15mm Paper Diameter : Max 150mm (Max 254mm with Large Paper Roll Holder) Emulation : Star Line Mode, Star Page Mode, ESC/POS™	Power : DC24V Resolution: 203 dpi MCBF: 60 Million Lines Cutter: 1 Million Cuts Presenter: 1 Million Receipts Dimensions: W=160mm, H=179mm, D=235mm (Without Paper)
Warranty	For US and Canada: 3-Year Limited Warranty	
For Further Information	Sales: 1-800-782-7636 x107 Technical Support: 1-800-782-7636 x105	Web: http://www.starmicronics.com

2/23/10

![Star logo](/) **star** (/)

Call Us: (tel:18007827636)
1-800-782-7636
Support: (tel:18007827636,995)
1-800-782-7636 x995

Download Drivers   Choose Language

(https://www.linkedin.com/company/star-micronics)(https://www.facebook.com/star-micronics/87284275657)

Hardware   Services   Technology   Solutions   More...   Star International Websites   Support   Contact Us   Home

SP700 Impact Printers

1   2   3   4   5

Solutions For:

🛒 Retail   📱 mPOS   🏛 Banking

🍴 Hospitality

star CERTIFIED SOFTWARE PARTNERS

20Printers&amp;amp;amp;an
20you%20for%20contacting%20t
20to%20us.%20%20Someone%2

- Reliable Kitchen Printer
- Internal Power Supply
- High-Speed Throughput: 13 Receipts per Minute
- Available with Apple MFi Certified Bluetooth
- Easy to Set Up
- "Drop-In & Print" Paper Loading
- All Accessories Included (Except Cable)
- Available with CloudPRNT Online Ordering Service Support

👥 Contact Star   🔧 Contact Support   📄 Download Datasheet   ⚙ Download Manual   📅 Download Drivers
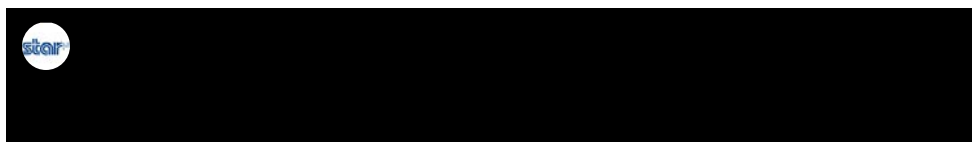
📦 Download SDK

SP700 Printer Description

Built specifically to work in environments where heat and humidity can erode the type on the kitchen order, the SP700 is an ideal solution. This fast, two-color printer offers crisp, easy to read type for quick viewing, clamshell design for easy paper loading and an embedded power supply for space efficiency.

When equipped with Star's WebPRNT technology, the SP700 WebPRNT can support restaurants using a web-based application to provide a seamless transition from front of house to back of house operation.

Also available with Apple MFi certified Bluetooth interface, Star's SP700 BTi can support kitchens and back of house operations without wiring that can get in the way of its staff. The SP700 BTi supports iPad®, iPhone®, and iPod touch® devices in addition to Android™ and Windows devices.

+   Read more...

Specifications - SP700

SPECIFICATIONS – SP700

Printer Method	9 Pin Serial Impact Dot Matrix
Print Speed	13 Receipts Per Minute (4.7 Lines Per Second at 42 Columns)
Printer Case Color	Putty or Gray
Models Available	Tear Bar or Auto Cutter without Rewinder
	Tear Bar or Auto Cutter with Rewinder

+   Click here for more...

Features and Benefits - SP700

HARDWARE FEATURES AND BENEFITS – SP700

High Speed	Can print 13 six inch receipts per minute (4.7 Lines Per Second at 40 Columns)
High Reliability	MCBF: 22 Million Lines Guillotine Auto Cutter: 1 Million Cuts
Small Foot Print	Save precious counter space

+   Click here for more...

Models - SP700

Part Number	Model	Description
37964711	SP742WEBPRNT GRY US	SP700, Impact, Cutter, Ethernet, WebPRNT, Gray, Int PS
37966020	SP742CLOUDPRNT GRY US	SP700, Impact, Cutter, Ethernet, CloudPRNT, USB, Two Peripheral USB, Gray, Int PS
37966050	SP742MW GRY US	SP700, Impact, Cutter, Ethernet, CloudPRNT, WLAN, USB, Two Peripheral USB, Gray, Int PS
37966730	SP742MBi2 GRY US R	SP700, Impact, Auto-cutter, Bluetooth iOS, Gray, Journal, Int PS , Auto Connect ON
37999130	SP712MU US	SP700, Impact, Tear Bar, USB, Putty, Int PS.
37999140	SP712MU GRY US	SP700, Impact, Tear Bar, USB, Gray, Int PS.
37999150	SP712ML US	SP700, Impact, Tear Bar, Ethernet (LAN), Putty, Int PS.
37999160	SP712ML GRY US	SP700, Impact, Tear Bar, Ethernet (LAN), Gray, Int PS.
37999190	SP712MC US R	SP700, Impact, Tear Bar, Parallel, Putty, Journal, Int PS
37999200	SP712MC GRY US R	SP700, Impact, Tear Bar, Parallel, Gray, Journal, Int PS
37999210	SP712MD US R	SP700, Impact, Tear Bar, Serial, Putty, Journal, Int PS
37999230	SP712MU US R	SP700, Impact, Tear Bar, USB, Putty, Journal, Int PS

37999290	SP742MU US	SP700, Impact, Auto-cutter, USB, Putty, Int PS.
37999300	SP742MU GRY US	SP700, Impact, Auto-cutter, USB, Gray, Int PS.
37999310	SP742ML US	SP700, Impact, Auto-cutter, Ethernet (LAN), Putty, Int PS.
39336532	SP742ME GRY US	SP700, Impact, Auto-cutter, Ethernet (LAN), Gray, Int PS.
37999350	SP742MC US R	SP700, Impact, Auto-cutter, Parallel, Putty, Journal, Int PS
37999360	SP742MC GRY US R	SP700, Impact, Auto-cutter, Parallel, Gray, Journal, Int PS
37999370	SP742MD US R	SP700, Impact, Auto-cutter, Serial, Putty, Journal, Int PS
37999380	SP742MD GRY US R	SP700, Impact, Auto-cutter, Serial, Gray, Journal, Int PS
37999390	SP742MU US R	SP700, Impact, Auto-cutter, USB, Putty, Journal, Int PS
37999400	SP742MU GRY US R	SP700, Impact, Auto-cutter, USB, Gray, Journal, Int PS
37999420	SP742ML GRY US R	SP700, Impact, Auto-cutter, Ethernet, Gray, Journal, Int PS
39330010	SP712MC US	SP700, Impact, Tear Bar, Parallel, Putty, Int PS.
39330110	SP712MC GRY US	SP700, Impact, Tear Bar, Parallel, Gray, Int PS.
39330210	SP712MD US	SP700, Impact, Tear Bar, Serial, Putty, Int PS.
39330310	SP712MD GRY US	SP700, Impact, Tear Bar, Serial, Gray, Int PS.
39332010	SP742MC US	SP700, Impact, Auto-cutter, Parallel, Putty, Int PS.
39332110	SP742MC GRY US	SP700, Impact, Auto-cutter, Parallel, Gray, Int PS.
39332210	SP742MD US	SP700, Impact, Auto-cutter, Serial, Putty, Int PS.
39332310	SP742MD GRY US	SP700, Impact, Auto-cutter, Serial, Gray, Int PS.
39339810	SP742MBI2 GRY US	SP700, Impact, Auto-cutter, Bluetooth iOS, Gray, Int PS , Auto Connect ON
39339910	SP742MBI2 OF US	SP700, Impact, Auto-cutter, Bluetooth Android/Windows, Putty, Int PS , Auto Connect OFF
39350010	SP742MBI2 OF GRY US	SP700, Impact, Auto-cutter, Bluetooth Android/Windows, Gray, Int PS , Auto Connect OFF
39339510	SP742MBI2 US	SP700, Impact, Auto-cutter, Bluetooth Android/Windows, Gray, Int PS , Auto Connect ON

Impact Paper - SP700

Part Number	Model	Description
37966300	RF76-D85-C17 2P 25PK	Paper SP500, SP700: Original +1, 3 inch Width, 100 ft Length, 25 Rolls/Case, Blue Core
37966141	RF76-D85-C17 25PK	Paper SP500, SP700: Original, 3 inch Width, 165 ft Length, 25 Rolls/Case, Blue Core
87992592	RF76-D85-C17 2P 12PK	Paper SP500, SP700: Original +1, 3 inch Width, 100 ft Length, 12 Rolls/Case, Blue Core

Ink Ribbons - SP700

Part Number	Model	Description
30980721	INK RIBBON CARTRIDGE RC700BR	SP700 Black/Red Ribbon 1.5M Characters Black, .075M Characters Red
30980731	INK RIBBON CARTRIDGE RC700B	SP700 Black Ribbon 3M Characters
30980742	INK RIBBON CARTRIDGE RC700D	SP700 Indelible Ribbon

Warranty - SP700

Part Number	Model	Description
37967050	Impact 2 YR Swap-A-Star	Adds next business day replacement to standard two (2) year warranty. Valid in US & CA only. See terms & conditions for details.
37967060	Impact 3 YR Swap-A-Star	Extends standard warranty to total of three (3) years and includes next business day replacement. Valid in US & CA only. See terms & conditions for details.
37967010	Impact 3 YR Extend-A-Star	Extends standard warranty to total of three (3) years. Valid in US / CA / MX / ROLA. See terms & conditions for details.
37967020	Impact 4 YR Extend-A-Star	Extends standard warranty to total of four (4) years. Valid in US / CA / MX / ROLA. See terms & conditions for details.
37967240	Impact 4 YR Extend Limited	Adds two (2) years limited warranty to standard warranty. Valid in MX / ROLA. See terms & conditions for details.

Accessories - SP700

Part Number	Model	Description
39590211	WB-S700	Wall Mount Bracket (SP700)
39590611	VS-S700	Vertical Stand Kit (SP700)
39594002	BU01-24-A	Ticket Alarm

Interfaces - SP700

Part Number	Model	Description
39607120	IFBD-HI02X	Interface Board (SP700), Ethernet, USB, Two Peripheral USB, CloudPRNT
39607400	IFBD-HD04	RS232 Serial Interface Board (SP500/SP700/TSP640/TUP900/TSP1000/HSP7000 Series)
39607411	IFBD-HC04	Parallel Interface Board (SP500/SP700/TSP640/TUP900/TSP1000/HSP7000 Series)
39607903	IFBD-HE08	Ethernet Interface Board (SP500/SP700/TSP1000/HSP7000 Series)
39607910	IFBD-HU08	USB Interface Board (SP700/TSP640/HSP7000 Series)

Related Products - SP700

☆ Vertical Stand

VS-S700

To save counter space, mount the SP700 vertically using the Vertical Stand

☆ Wall Mount Bracket

WB-S700

Save counter space by mounting the SP700 on the wall using the Wall Mount Bracket. It installs easily on to the back of the printer.

☆ Kitchen Buzzer/Ticket Alarm

BU01-24-A

The Kitchen Buzzer connects directly the RJ11 port on the back of the printer. The buzzer sounds when a print job is sent to the TSP100. This is beneficial for high noise environments like kitchens to alert cooks that orders have been sent.

☆ Swappable Interfaces

Easily upgrade the connection type in the future without purchasing a new printer.

Interfaces Available:

RS232C Serial - IFBD-HD04 (P/N:

☆ Extend-A-Star Extended Warranty

(https://www.starmicronics.com/pages/StarSupport)

The Extend-A-Star Extended Warranty Program provides full bumper-to-bumper coverage available for 3 years.

☆ Swap-A-Star Extended Warrar

(https://www.starmicronics.com/pages/StarS

The Swap-A-Star Extended Warranty Program provides next business day replacement coverage available for 3 years.

39607400)

Parallel - IFBD-HC04 (P/N: 39607411)

USB - IFBD-HU08 (P/N: 39607910)

Read more... (https://www.starmicronics.com/pages/StarSupport Read more... (https://ww

Ink Ribbon Cartridge

Part Number: 30980721 - Black/Red Ribbon

Part Number: 30980731 - Black Ribbon

Part Number: 30980742 - Black Indelible Ribbon

Paper and Supplies

Part Number: 37966140 - 3" 1-Ply Standard Bond Paper (25 pack)

Part Number: 87992591 - 3" 2-Ply Standard Bond Paper (12 pack)

Part Number: 37966300 - 3" 2-Ply Standard Bond Paper (25 pack)

SP700 Image Library

(https://www.starmicronics.com/Resource/CMSFiles/SP700_800x400-IMG_9785.jpg)

(https://www.starmicronics.com/Resource/CMSFiles/SP700_800x400-IMG_9782.jpg)

(https://www.starmicronics.com/Resource/CMSFiles/SP700_800x400-IMG_9779.jpg)

For all Star products support and "how to" videos, please go to the **"Star Product Training and How To Videos"** *Playlist area of the StarMicronics YouTube Channel here:* **Star Product Training & How To Videos (https://www.youtube.com/playlist?list=PLEYEHgqj6R-bj_-12st8J4CdUyvUd5czq)**

United States

Products   **Support**   **Technology**   **Company**

(../../pages/All-   (../../pages/WebPRNT)   (../../pages/ContactUs)
Products)
                                                                       (../../pages/PassPRNT)
(../../pages/All-   (https://www.starmicronics.com/blog/)
Products)   (../../pages/ProxiPRNT)   (../../pages/OurHistory)

(../../pages/All-   (../../support/default.aspx)   (../../pages/WebPRNT-
Products#impact)   Browser)
                            (../../Supports/SupportTechnical)
(../../pages/All-   (../../support/faq.aspx)   (../../pages/Bluetooth)
Products#multi)

                                                                       (../../pages/StarPRNT-
(../../pages/All-   **Star Partners**   SDK)
Products#portable)

(../../pages/All-   (https://marketing.starmicronics.com/acton/media/34776/vip-
Products#kiosk)   support-form)

(../../pages/All-
Products#mobility)

(../../pages/All-
Products#tradition)

(../../pages/All-
Products#mechs)

(../../pages/All-
Products#options)

(https://www.star-m.jp) | (../../) |
(https://espanol.starmicronics.com) | (https://www.starmicronics.com.mx) |
(https://www.starmicronics.com.br) | (https://star-emea.com)| (https://www.star
(https://www.starasia.com) | (https://www.starmicronics.co.th)| micronics)
(https://starmicronics.com.au)

Subscribe | Careers | (../../pages/ContactUs) | (SiteMap) | Legal | Notices |
                (../../pages/terms-of-use)| (../../pages/Privacy-Policy) | Cookie Preferences

star✦
(/)

Choose Language

(https://www.linkedin.com/...
micronics/87284275657)

Hardware **Services** **Technology** **Solutions** **More...** **Star International Websites** **Support** **Contact Us**

TMP500 Printer Mechanism

Solutions For:

🛒 Retail   📱 mPOS   🏛 Banking

🍴 Hospitality

- Direct Thermal
- Adjustable Print Width
- Autocutter: Full Cut (Guillotine)
- High Speed - Up to 220mm/sec

star✦ CERTIFIED SOFTWARE PARTNERS

Click here to download the product data sheet that describes the printer control board.

20Printers&amp;amp;an
20you%20for%20contacting%20t
20to%20us.%20%20Someone%2

👤 Contact Star   🔧 Contact Support   📄 Download Datasheet   ⚙ Download Manual   📅 Download Drivers

📦 Download SDK

TMP500 Printer Description

The TMP500 printer mechanism features a compact footprint and support for small paper widths, the TMP500 is a welcomed addition to Star Micronics' printer mechanism line. The TMP500 features a print speed of up to 220mm/sec and high reliability at an MCBF of 60 million lines.

The innovative looping presenter prevents paper jams by printing the receipt in full before providing it to the user. An innovative nezel (snout) option can be attached directly to the presenter to capture the user's attention with subtle flashing LED lights.

The TMP500 features adjustable paper widths of 45mm-82.5mm documents. With the addition of the optional Large Paper Roll Accessory, it supports up to a 10" paper roll for hours of unattended operation.

Star mechanisms have been used in thousands of applications from lottery machines, bus ticketing, ATM machines, medical devices, and busy airports. Star recognizes that many applications have unique installation requirements. Star offers a variety of printer mechanisms and matching control board solutions to meet your specific application needs.

Specifications - TMP500

SPECIFICATIONS – TMP500

Printer Method	Direct Line Thermal
Print Speed	Up to 220mm/sec

Paper Width	Adjustable 45 - 82.5 mm
Resolution	203 dpi

Read Less...

Auto Cutter	Guillotine (Full Cut)
Presenter	Looping Presenter with Document Capture
Connectivity	RS232C Serial, Parallel, USB, or Ethernet
Drivers	Windows® XP 32 Bit, Vista 32/64 Bit, Windows 7 32.64 Bit, Server 2008 32/64 Bit, XP Embedded, POSReady 2009, OPOS™, JavaPOS™, USB Vendor Class, Linux™, Mac OS X, StarIO, Scalable Raster Driver

Features and Benefits - TMP500

HARDWARE FEATURES AND BENEFITS – TMP500

Compact Design	Small, flexible size to fit into small spaces
Adjustable Print Format	Print range from 40mm - 80mm
Looping Presenter	The document is printed entirely and then presented to eliminate the user pulling on the receipt during mid-printing

Read Less...

Document Capture	Program the TMP500 to retract receipts left in the presenter after a certain period of time to promote security and prevent paper jams
Semi-Automatic Paper Loading	Paper loading is easy and fast
Graphics Capable	Print barcodes, logos, coupons, maps, and more
Auto Cutter	Guillotine auto cutter provides high reliability

Models - TMP500

Part Number	Model	Description
39454000	TMP542-24-A THERMAL MECHANISM	Mechansim, Thermal, 80mm, 180mm/sec, Cutter, No Interface, 24v

For all Star products support and "how to" videos, please go to the **"Star Product Training and How To Videos"** *Playlist area of the StarMicronics YouTube Channel here:* **Star Product Training & How To Videos (https://www.youtube.com/playlist?list=PLEYEHgqj6R-bj_-12st8J4CdUyvUd5czg)**

Share This Story, Choose Your Platform!

United States

Products **Support** **Technology** **Company**

(../../pages/All-Products)

(../../pages/All-Products)

(../../pages/All-Products#impact)

(../../pages/All-Products#multi)

(../../pages/All-Products#portable)

(../../pages/All-Products#kiosk)

(../../pages/All-Products#mobility)

(../../pages/All-Products#tradition)

(../../pages/All-Products#mechs)

(../../pages/All-Products#options)

(../../support/default.aspx)

(../../Supports/SupportTechnical)

(../../support/faq.aspx)

Star Partners

(http://marketing.starmicronics.com/acton/media/34776/vip-support-form)

(../../pages/WebPRNT)

(../../pages/PassPRNT)

(../../pages/ProxiPRNT)

(../../pages/WebPRNT-Browser)

(../../pages/Bluetooth)

(../../pages/StarPRNT-SDK)

(../../pages/ContactUs)

(http://www.starmicronics.com/blog/)

(../../pages/OurHistory)

(http://www.star-m.jp) | (../../) | (http://espanol.starmicronics.com) | (http://www.starmicronics.com.mx) | (http://www.starmicronics.com.br) | (http://star-emea.com)| (http://www.starasia.com) | (http://www.starmicronics.co.th)| (http://starmicronics.com.au)

(http://www.linkedin.com/about micronics)

(https (https (https/b

Subscribe | Careers | (../../pages/ContactUs) | (SiteMap) | Legal | Notices | (../../pages/terms-of-use)| (../../pages/Privacy-Policy) | Cookie Preferences