

TUP500 Series

High Speed 220mm per second Kiosk Printing Solution available in Modular or Open Frame formats



TUP500 LED Flashing Paper Exit Guide



NEW
TUP500DP chassis option



TUP500 Easy
Paper Loading

- Introducing the new superfast, versatile open frame / modular kiosk printing solution from Star Micronics. Featuring speeds up to 220mm/second (with standard 15cm paper roll) and a default speed of 180mm/second using the optional 25cm paper roll holder
- Adjustable 45 to 82.5mm paper width functionality with self centring width adjuster
- Barcodes receipts, tickets, labels (TUP542) etc. are all printed on media from 0.065mm to 0.15mm thick allowing for complete application functionality
- TUP500 options include:
 - 25cm paper roll holder for horizontal or vertical use (max. capacity 18cm in vertical mode)
 - Paper exit guide / snout with flashing LED attraction mode
 - **NEW** TUP500DP chassis option providing a more compact printer taking up to 25% less space with 10cm diameter paper roll
 - All models supplied without interface with low cost USB, Ethernet with "Print on Disconnection" feature as well as the traditional interface options



TUP500 Printer Specifications

Mechanism - TMP542 & Cutter

Print Method	Direct Line Thermal Printing
Print Speed	up to 220mm per second
Printable Width	Max. 80mm with 1st column print
Top Margin	11mm (3mm selectable with reverse feed)
Print Resolution	8 or 16 x 8 dots / mm (203 or 406 x 203 dpi)
Paper Loading	Semi Automatic with easy "Lift & Tilt" Functionality
Paper Sensors	Black Mark / Paper End / Paper Low Sensors
Paper Specifications:	
Width	Min. 45mm to Max 82.5mm
Media	Thermal Paper Rolls
Two Colour Printing	Special thermal paper required
Thickness / Weight	0.065 - 0.15mm
Roll Diameter	15cm / 6" with 25.4cm / 10" option (RHU-T500)
Autocutter	Full Cut (Guillotine) – contact Star if Partial cut needed
Autocutter Life	up to 1 million cuts
Min. / max. Cut Length	TUP542: 25mm, TUP592: 75 - 300mm
Print Head Life	Max. 100 million pulses / 100 Km
Reliability	60 million lines MCBF
Mechanism Dimensions	TMP542: 135 (W) x 101 (D) x 103 (H) mm
Open Frame Dimensions	TUP592: 160 (W) x 234.1 (D) x 179 (H) mm
TUP500DP Dimensions	140 (W) x 150 (D) x 240 (H) mm
Without Presenter	TUP542: 160 (W) x 185 (D) x 179 (H) mm
Drivers Available	Windows® 7 32/64 Bit, Vista 32/64 Bit, XP 32 Bit, XP Embedded, CE, Server 2008 32/64 Bit, 98/ME/2000/NT4 (download only), OPOS™, JavaPOS™, Virtual Serial Port, Linux™ CUPS, Mac OS X CUPS, StarIO SDK

Interface

TUP500 Series supplied without interface

Interface Options

USB (IFBD-HU05), Ethernet (IFBD-HE07), Parallel (IFBD-HC03), Serial RS232C (IFBD-HD03), 9-pin Serial (IFBD-HN03)

Presenter Unit - PR500

Paper Loop	Upper Side Loop
Presenter Function	Document Eject Document Capture (Timed or Software controllable)
Paper Thickness	0.065 - 0.15mm
Paper Length	75 to 300mm with Journal Mode for End-of-Day reporting
Paper Width	Min. 45mm to Max 82.5mm
Dimensions	135.1 (W) x 57 (D) x 76.3 (H) mm
Life	1 million receipts

Control Board - TBD500

Flash ROM / SRAM	16 Mbit / 4 Mbit (2M x 2)
Logo Store	Enabled
Emulations	Star Line & Page Mode, ESC/POS™
Code Pages	Star Mode = 40 + 1 blank ESC/POS™ Mode = 10 + 1 blank

PS60 Power Supply Option

Supply Voltage	24V DC, (59 (W) x 146 (D) x 32 (H) mm)
Input Voltage	100V (-10%) to 240V (+10%)

TUP500 Open Frame and Mechanism Options

- USB, Ethernet, Parallel, Serial RS232C, 9-pin Serial interface
- PS60 Power Supply
- 25cm / 10" Paper Roll Holder (RHU-T500)
- Large Roll Damper Roller Unit (DRU-T500B)
- Paper Exit Guide (SNOUT-T500) – LED lit with Flashing Attraction Mode
- Weight Bar (heavy weight paper use) – PR5 (included at purchase)

Please contact Star for other options when installing the TMP500 Mechanism