# SP500 Series

**star MICRONICS**

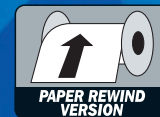## The new, logic seeking SP500 Series offers an unbeatable price / performance ratio unmatched by any other manufacturer

up to 7.5 lines per second — **HIGH SPEED**

**EASY LOAD**

1 + 2 — **MULTI-COPY**

**TEAR BAR OR AUTOCUTTER**

**PAPER REWIND VERSION**

**INTEGRAL POWER SUPPLY**

22,000,000 LINES — **MCBF** — **CRT RELIABILITY**

**Vertical footprint: 163mm deep x 140mm wide**

- High speed, logic seeking, 9-pin quality matrix printer – up to 7.5 lps
- **NEW** non-interface version available for Ethernet and USB usage (IF-BDHE04 & IF-BDHU04 – same as TSP600)
- Competitively priced with unmatched feature per cost ratio
- "Drop-In & Insert" paper loading facility
- Adjustable 58 or 76mm paper widths
- Wall mount option

- Quality ticket output on media up to 0.10mm with 6 position Black Mark Sensor
- Spill-proof / Hygienic design for bar / kitchen environments with cable and power switch covers
- Space saving vertical or horizontal operation
- Internal universal power supply
- Journal / Rewind option (must be fitted by supplier)

- Compact footprint with internal power supply and vertical operation

### Typical Applications

- **Point of Sale**
- **Ticketing**
- **Hospitality**
- **Fiscal**
- **Kiosk**
  (requires local module)

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|---|---|
| **SP512** | Tear Bar Version |
| **SP542** | Autocutter Version |
| **UP542** | Kiosk Version |

## SP500 Printer Specifications

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| **Printer Method** | 9 Pin Serial Dot Matrix |
| **Print Speed** | Approx. 7.5 lps (@ 16 col) or 4 lps (@ 42 col, 16.9CPI) |
| **Print Direction** | Bi-directional, Logic Seeking |
| **Paper Feed Speed** | Approx. 33 lps (@ continuous feed) |
| **Number of Columns** | 40 col / 42 col / 35 col (76mm paper) 30 col / 32 col / 26 col (58mm paper) |
| **Character Matrix** | 7 x 9 (half dot) / 5 x 9 |
| **Character Set** | 95 alphanumeric, 46 International, 128 x 40 graphic |
| **Code Pages** | 40 Code Pages |
| **Program ROM** | Flash Memory |
| **Character per inch (CPI)** | 16.9 / 14.1 |
| **Character Size (mm)** | 1.2 (W) x 2.42 (H) / 1.5 (W) x 2.42 (H) |
| **Paper Specifications:** Width Thickness 1 ply Copy Capability 2 ply Copy Capability 3 ply | 76 ± 0.5mm or 57.5 ±0.5mm (W) x 85mm (diameter) 0.07 ~ 0.10mm Original +1, 0.05 ~ 0.08mm per ply (total less than 0.14) Original +2, 0.05 ~ 0.08mm per ply (total less than 0.20) |
| **Ribbon Life RC200B** | 1.2 million characters |
| **Control Code** | Star Mode / ESC/POS™ Emulation |

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|---|---|
| **Interface** | Serial or Parallel. New Non-interface version for Ethernet / USB usage |
| **Data Buffer** | 2 KByte or 256 Byte |
| **Reliability:** Printer Autocutter | 22 million lines (CRT), 9 million lines (MCBF) 300,000 Cuts (Full or Partial Cut) |
| **Drivers Available** | OPOS™, Windows 95 / 98 / ME / 2000™, XP™, NT4.0™, Linux CUPS Support™, JavaPOS™, Apple MAC™ |
| **Peripheral Driver** | 2 circuits, for driving solenoids etc. (24V max., 1A) |
| **(D.K.D. Function)** | 1 compulsion input |
| **EMI Standard** | VCCI Class A, FCC Class A, CE Marking |
| **Safety Standard** | UL, C-UL, TÜV, CB |
| **Black Mark Sensor** | 6 position as standard |
| **Paper End Sensor** | Standard |
| **Additional Features** | Fiscal Memory (Space Only) Power Switch Cover as standard |
| **Overall Dimensions** | 140 (W) x 225 (D) x 163 (H) mm |
| **Weight** | 2.0Kg (Tear Bar Model), 2.2Kg (Autocutter Model) |
| **Options** | Paper Near End Sensor, Star Buzzer alarm, Paper Rewind (Journal) – Distributor/Factory Fit, Vertical Mount Paper Roll Holder WB-S500, Ethernet & USB options for SPECIAL SP500 version |

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