



CARE . TRUST . RESPONSIBILITY

# TOUCH TERMINAL SP-850BZ PCT

HIGH PERFORMANCE POS WITH A LOW TCO  
WITH EMV LEVEL 3 CERTIFICATION



If you're searching for a cost-effective POS terminal that doesn't compromise performance, look no further. In high-traffic, high-impact environments, durable POS hardware is essential. Rugged POS hardware decreases long-term total cost of ownership and increases the return on investment of your hardware. An attractive, die-cast aluminum housing protects the SP-850 – rated IP54 – from damage from dust, dirt and spills. In addition, its fanless design minimizes damage to internal components caused by dust.

## Flexible Format for Any Job

Versatility and flexibility are traits you look for and encourage in your staff. Why would you settle for POS hardware that's any different? No matter the POS functionality you require, the SP-850 can handle it. Partner Tech offers a wide variety of peripherals that are easily connected to the terminal, including RFID reader, chip card reader, MSR, biometric reader, and secondary display options for maximum customer engagement.

### SPECIAL FEATURES

- Elegant and robust aluminum die-cast housing
- Powerful Intel® Bay Trail quad core processor J1900
- Supports up to 8GB RAM
- Flexible modular design and customer display / 2nd monitor support
- Spill and dust resistant front panel, IP65 (Whole device IP54 certified)
- Convenient VESA / wall mount and wide tilt angle monitor

### OPTIONAL

- Mini PCI-e, e.g. to support WiFi module
- Customer display (2x20 VFD or 7")
- 2nd monitor support (11.6" or 15")
- 3-track MSR, IC card reader, RFID reader
- Fingerprint sensor, i-Button/Dallas/Addimatt

| Item             | SP-850BZ PCT                                                                                                                                                                                                                                      |                                         |                                       |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------|
| CPU              | Intel® Celeron™ J1900 (2.00GHz up to 2.42GHz), quad core, 2MB L2 Cache, fanless                                                                                                                                                                   |                                         |                                       |
| LCD              | Bezelfree 15" TFT-LCD, resolution 1024 x 768, brightness 350cd/m², LED backlight                                                                                                                                                                  |                                         |                                       |
| Touch            | Projected Capacitive Touch (Multi Touch) with USB interface                                                                                                                                                                                       |                                         |                                       |
| RAM              | DDR3L SO-DIMM, 2 slots up to 8GB                                                                                                                                                                                                                  |                                         |                                       |
| Storage          | 1 x 2.5" SATA HDD or SSD (option)                                                                                                                                                                                                                 |                                         |                                       |
| LAN              | 1 x RJ-45 10/100/1000 BASE-T Gigabit Ethernet                                                                                                                                                                                                     |                                         |                                       |
| I/O Interface    | 4 x COM (DC+0/5/12V: COM 1-2 BIOS selection, COM 3-4 by jumper)<br>5 x USB 2.0<br>1 x USB 3.0<br>1 x PS/2<br>1 x RJ-45 Ethernet<br>1 x RJ-11 Cash drawer control (for 2 cash drawers)<br>1 x VGA<br>1 x DC + 12V Out<br>1 x Mini PCI-e (internal) |                                         |                                       |
| Speaker          | 1 x 3W speaker (internal)                                                                                                                                                                                                                         |                                         |                                       |
| Operating System | Windows 7, POSReady 7, Windows 8.1, Windows 10, Linux (ubuntu)                                                                                                                                                                                    |                                         |                                       |
| Power Supply     | AC100~240V/DC+12V, 7.5A, 90W power adaptor                                                                                                                                                                                                        |                                         |                                       |
| Dimensions       | 14.17in (W) x 9.17in (D) x 12.71in (H)                                                                                                                                                                                                            |                                         |                                       |
| Environment      | Temperature:<br>Humidity:                                                                                                                                                                                                                         | Operating:<br>32°F ~ 104°F<br>15% ~ 80% | Storage:<br>-4°F ~ 140°F<br>15% ~ 80% |
| Options          | 3-track MSR, customer display (2x20 VFD, CD-70), 2nd monitor (PM-116, PM-15BZ PCT) SSD, IC card reader, NFC/RFID reader, i-Button/Dallas/Addimat                                                                                                  |                                         |                                       |
| Color            | black                                                                                                                                                                                                                                             |                                         |                                       |

\*Specification is subject to change without prior notice



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