

SP-850

SP-850-BZ Series**Robust All-in-one POS Terminal**

FEATURES

- Elegant and robust aluminum die-cast housing
- Powerful Intel® Celeron® J1900 (Bay Trail) / Intel® Celeron® J6412 (Elkhart Lake) processor
- Supports up to 16GB 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

SP-850

PARTNER

Specifications



Item	SP-850-BZ	SP-850-BZ-E
Size	15"	
Aspect Ratio	4:3	
Resolution	1024 x 768	
Brightness	350 nits	
Touch	PCAP Touch	
CPU	Intel® Celeron® J1900 (Bay Trail)	Intel® Celeron® J6412 (Elkhart Lake)
Memory	DDR3L 4GB, 8GB	DDR4 4GB, 8GB, 16GB, 32GB
Storage	2.5" SATA SSD: 128G / 256G / 512G	
I/O Interface	4 x serial ports, RS-232 (DB9), 0V/5V/12V selected in BIOS (COM1, COM2), by jumper setting (COM3, COM4)	4 x serial ports, RS232 (DB9), 0V/5V/12V selected in BIOS (COM1, COM2, COM3, COM4)
	1 x LAN (IEEE 802.3 10/100/1000 Mbps)	
	1 x RJ11 port support for 2 cash drawers with 24V / 12V jumper setting	
	1 x DC +12V out	
	1 x USB 3.0 + 5 x USB 2.0	4 x USB 3.2 + 2 x USB 2.0
	1 x DC +12V input	
	1 x PS/2	
	1 x VGA	
	1 x speaker (3W)	
Speaker	1 x speaker (3W)	
Peripheral Options	MSR, IC Card reader, fingerprint reader, RFID/ NFC, i-Button, VFD, USB 2nd display, VGA / HDMI 2nd display	
Wireless Option	Wi-Fi 6E Intel AX210 IEEE 802.11 a/b/g/n/acR2/axR2, BT 5.2	
Display Support	2 independent displays (Main Display + VGA)	
Spill & Dust Resistant	IP54 Certified	
Operating System	1. POS Ready7 (32bit & 64bit) 2. Windows 10 IoT Enterprise LTSC 21H2 (64bit) 3. Linux Ubuntu 18.04	1. Windows 11 IoT Enterprise GAC (64bit) ready 2. Windows 10 IoT Enterprise LTSC 21H2 (64bit) 3. Linux Ubuntu 22.04
TPM	N/A	S/W TPM 2.0 (BIOS)
Power Adaptor	AC-In 100~240V / DC-Out 12V, 90W	AC-In 100~240V / DC-Out 12V, 65W / 90W
Reliability	System operating temperature: 0~40°C / 32~104°F	
	System humidity: 15% ~ 80%	
	Storage temperature: -20~60°C / -4~140°F	
Dimensions (Wx Hx D)	360 x 323 x 233 (D) mm / 14.17 x 12.72 x 9.17 in	
Weight	7.4 kg / 16.31 lb	

*Specification is subject to change without prior notice

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