

SP-850

SP-850 BZ Series

Robust All-in-one POS Terminal



FEATURES

- 15" All-in-one touch screen
- Aluminum die-cast housing
- Intel® Celeron® J6412 (Elkhart Lake) or J1900 (Bay Trail) processor
- Supports up to 16GB RAM
- Supports software TPM 2.0 for J6412 (Elkhart Lake)
- Spill and dust resistant front panel, IP65 (Whole device IP54 certified)
- Convenient VESA / wall mount and wide tilt angle monitor



SP-850



Specifications



Item	SP-850-BZ	SP-850-BZ-E
Size	15"	
Aspect Ratio	4:3	
Resolution	1024 x 768	
Brightness (typical)	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	1 x 2.5" SATA HDD or 1 x 2.5" SATA SSD	
External I/O Interface	4 x Serial Ports, RS232 (DB9), 0V/5V/12V selected in BIOS (COM1, COM2), by jumper setting (COM3, COM4)	
	1 x LAN (IEEE 802.3 10/100/1000 Mbps Ethernet, RJ45)	
	1 x RJ11 port supports 2 cash drawer with 24V / 12V by 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	
Speaker	1 x Speaker (3W)	
Optional Peripheral	MSR, IC Card Reader, Fingerprint, RFID, i-Button, VFD, USB 2nd Display, VGA 2nd Display	
Wireless (option)	Wi-Fi 6E Intel AX210	
	IEEE 802.11 a/b/g/n/acR2/axR2, BT5.2	
Display Support	2 Independent Displays (Main Display + VGA)	
Spill & Dust Resistant	IP54 Certified	
Operation System	1. POS Ready7	1. Windows 11 IoT Enterprise GAC (64bit)
	2. Windows 10 IoT Enterprise 21H2 LTSC (64bit)	2. Windows 10 IoT Enterprise 21H2 LTSC (64bit) and newer version
	3. Ubuntu 16.04	3. Ubuntu 22.04
Software	N/A	S/W TPM 2.0 (BIOS)
Power Supply	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 mm / 14.17 x 12.72 x 9.17 inch	
Weight	7.4 kgs / 16.31 lbs	

*Specification is subject to change without prior notice

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