

# OMNI 7850 POS TERMINAL

## Combine Design, Quality and Service to Meet the POS Demands of Today

In today's ever-changing POS environment, businesses are demanding more from their POS systems. From a quality product, to top-notch customer service, to simple self-troubleshoot instructions, the need for superior POS capabilities and service is higher than ever. Business owners nowadays are savvy and price-conscious, and our goal is to deliver above and beyond these expectations.

Omniterm, being your true Partner in POS, is introducing the new compact, yet powerful 2.4G Intel® Bay Trail-D J1900 OMNI -7850, with multi-touch, increased power, sleek design, and most importantly, cost efficiency that satisfies all of our customer needs.

OMNI-7850 is a fan-less, compact, high-performance system fitted with a quad-core Bay Trail platform and scratch-proof projected capacitive touch screen. Housed in a beautiful and elegant aluminum body, the SP-850 provides the system performance and reliability that Omniterm products have become known for. Inside the OMNI-7850 is an energy efficient, low power consumption Bay Trail CPU, providing the necessary muscle to run today's power-hungry POS applications. Staying true to Omniterm tradition, the OMNI-7850 comes with a wide range of easily connected modules, including an RFID reader, IC card reader, MSR, finger print reader, 2nd display options, convenient wall mount option, wide tilt angle, etc. The list simply goes on and on!

## Quad-Core Fanless Touch Terminal



## OMNI-7850 Features

- Projected Capacitive Touch Screen / Bezel Free
- Intel® Bay Trail-D J1900 2.0G up to 2.4G, 2M Cache
- DDR3L Memory Support up to 8GB
- Aluminum Die-Casting Construction
- Engineered for Reliability with Fan-less
- Technology Flexible Modular Design
- Spill and Dust Resistant Front Panel IP66
- Convenient Wall Mount and Wide Tilt Angle
- Low Power Consumption
- Dual Cash Drawer Support
- IP54 Certified

# OMNI 7850 POS TERMINAL

ITEM	OMNI 7850 POS TERMINAL
CPU	Intel® Bay Trail-D J1900 2.0G up to 2.4G, 2M Cache
LCD	15" Active TFT color LCD, 350 nits resolution 1024 x 768
Touch	Projected Capacitive Touch
Memory	2G 204pin DDR3L-1333, SO-DIMM x 2 Max Support upto 8GB
LAN	10/100/1000 Gb Ethernet
Storage	SATA HDD x 1
I/O Interface	4 * COM ports [COM1~4 on rear I/O ( powered with DC +5/+12V, COM1~2 by BIOS selection; COM3~4 by jumper setting) 1 * DB-15 VGA port 1 * RJ11 port supports 2 cash drawer(DC+24v) 1 * RJ-45 LAN port with activity and link LEDs 1 * PS/2 KB 1 * DC+12v out Jack 6 * USB (5 * USB 2.0 + 1 * USB 3.0) 1 * DC +12V input power-jack
Expansion Options	1 * Mini PCI-e, Support Wireless LAN module
Optional Peripherals	3 tracks encryption-ready magnetic reader Biometric Reader, Smart Card Reader, RFID reader Customer facing display module 2 x 20 VFD, 7", 11.6" or 15" LCD monitor
Operation System	Windows 7, POS Ready7, Windows 8.1, Industry Pro Retail 8.1, Linux (Ubuntu)
Power Supply	AC100~240V/DC+12V, 90 watt power adaptor
Dimensions	Physical: 14.17" (W) x 9.17" (D) x 12.72" (H)
Operating Temp	32°F ~ 104°F
Storage Temperature	-4°F ~ 140°F
Humidity	15%~80%
Certification	CE, FCC, VCCI, BSMI, Class A



15" Projected Capacitive Touch  
Spill and Dust Proof



Compact and Small



Quad Core CPU & Fan-less Operation



Dual Display Option



Convenient Wall Mount Option and Wide Tilt Angle



Aluminum Casing Reinforces Stability

\* specifications are subject to change without prior notice

