

## Multi-functional Computer

### Overview

With full use of our mechatronics, electronics, and software technologies, SUNZone TEK provides products ranging from bank branch terminals to ATM/KIOSK with user friendly human-interface to fulfill needs of highly functional yet reliable infrastructure in the financial, such as PINPad, keyboard/keypad, Motorized Card Reader/Writer, card dispenser etc.

Multi-functional Touch Panel PC series comes with wealth of features emphasizing ease of interaction and communication. Users can enjoy VOIP connection, internet surfing and other exciting activities with great flexibility thanks to well-thought-of ergonomic design.



- Fan less operation
- 15" TFT LCD display
- Shatterproof touch-screen
- TV / Phone / Radio selector
- IP 65 compliant front face sealing
- VESA mount (75mm)
- Smart card reader
- 4 USB expansion ports
- Anti-batteria plastic housing

### SUZMTP15002

### Specification

#### Computing Platform

<b>CPU</b>	Intel® µFC-BGA 479 Celeron® M 600 MHz with 512KB L2 Cache or Intel® Celeron® M 1 GHz with 512KB Cache
<b>Northbridge</b>	Intel® 852GM Graphic Memory Controller Hub (GMCH)
<b>Southbridge</b>	Intel® 82801DB I/O Controller Hub 4 (ICH4)
<b>I/O Companion</b>	Winbond W83697HG
<b>System Memory</b>	1 x 184-pin DIMM socket supports up to 1 GB DDR SDRAM
<b>Video</b>	Supports Intel® DVMT 2.0
<b>Video Memory</b>	64 MB shared memory
<b>Audio</b>	VIA VT1616
<b>USB</b>	4 External USB Ports: 1 USB & 1 Mini USB on the rear; 2 USB on the bottom
<b>GPIO</b>	9 x I/O
<b>Thermal Protection</b>	Internal sensor generates interrupt
<b>Watchdog Timer</b>	Can generate system reset from 1 sec. to 255 min. and 1 sec. or 1 min./step.
<b>LAN</b>	Realtek RTL8100C
<b>Expansion</b>	2 x mini-PCI slots (including one optional)

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**Display**

<b>Type</b>	15.1" XGA TFT (1024 x 768 resolution)
<b>Color Depth</b>	18-bit
<b>Brightness</b>	350-nit minimum brightness
<b>Brightness Control</b>	20% to 100% User controllable
<b>Touch Screen</b>	Resistive
<b>Touch Controller</b>	Internal USB interface for 5-wire resistive touch panel

**Visual Call Indication**

<b>Reset Switch recess</b>	Internal push button in connector recess
<b>Power Switch</b>	Power-on only button on front membrane keypad and one internal push button in connector recess
<b>Display Inverter</b>	Power enable and separate brightness control

**Peripheral Devices**

<b>Hard Drive</b>	40 GB 2.5 HDD
<b>Power Supply Unit</b>	<ul style="list-style-type: none"> <li>Power input: AC 90-264V</li> <li>Power output: DC 19V 4.71A</li> </ul>

**Mechanical Specifications**

<b>Mounting</b>	Rear fixture to articulated arm VESA mount 75 mm
<b>IP Rating</b>	IP65 compliance for Front Face Seal
<b>Dimensions</b>	441.9 mm x 348.9 mm x 70.0 mm (Handset included)
<b>Weight</b>	5 kgs / 11 lbs
<b>Cooling</b>	Fanless design, rear heatsink with wipe clean design

**OS Support**

<b>OS Support</b>	Windows XP, XPe and Linux are supported
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**Peripherals and Device Interfaces**

<b>Headphone Socket</b>	One 3.5mm phone jack on left side of bottom access (View from the front side)
<b>Phone Handset</b>	Two RJ11 sockets either side of terminal
<b>Smart Card Reader</b>	Integrated in display module
<b>User Controls</b>	Membrane keypad integrated on front of Panel
<b>USB Ports</b>	4 x USB 2.0 ports for external peripherals

**Audio Sub System**

<b>Amplifier</b>	<ul style="list-style-type: none"> <li>0.3 W RMS headphone output per channel (minimum)</li> <li>Software headphone mute</li> <li>Software handset mute</li> <li>Independent control of all audio channels via internal mixer</li> </ul>
<b>Phone Buzzer</b>	Incoming telephone call indication
<b>External Speaker</b>	2 x 2 W 8 Ohm speaker integrated in system housing

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