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
- 17" SXGA TFT LCD Display
- Shatterproof touch-screen
- Programmable Entertainment Selector
- 10/100 Mbps Ethernet, Optional Gigabit Ethernet
- VESA mount (75mm)
- 4 USB expansion ports
- Anti-batteria plastic housing

SUZMTP17002

Specification

Computing Platform

CPU	Onboard Intel® µFC-BGA 479 Celeron® M 600 MHz or 1GHz with 512K Cache
Northbridge	Intel® RG852GM Graphic Memory Controller Hub (GMCH)
Southbridge	Intel® 82801DB I/O Controller Hub 4 (ICH4)
I/O Companion	Winbond W83627HG-AW
System Memory	1 x 184-pin DIMM up to 1 GB DDR SDRAM
Video	Supports Intel® DVMT 2.0
Video Memory	64 MB shared memory
Audio	VIA Vt1616
USB	4 x external, 1 for T/S controller,1 for optional Bluetooth, 1 for optional PC camera,2 x reserved with headers
GPIO	9 x I/O
Thermal Protection	Internal sensor generates interrupt
Watchdog Timer	Can generate system reset from 1 sec. to 255 min. and 1 sec. or 1 min./step.
LAN	Realtek RTL8100C
Gigabit Lan	Optional Realtek RTL8110SB Gigabit Ethernet
Expansion	2 x mini-PCI slots (including one optional)

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Display

Type	17" SXGA TFT (1280 x 1024 resolution), 5-wire
Color Depth	Dual-channel 24-bit
Brightness	300-nit minimum brightness
Brightness Control	20% to 100% User controllable
Touch Screen	Resistive
Touch Controller	Internal USB interface for 5-wire resistive touch panel

Visual Call Indication

Reset Switch recess	Internal push button in connector recess
Power Switch	Power-on only button on front membrance keypad and one internal push button in connector recess
Display Inverter	Power enable and separate brightness control

Peripheral Devices

Hard Drive	40 GB 2.5 HDD
Power Supply Unit	• Power input: AC 90-264V • Power output: DC 19V 4.71A

Mechanical Specifications

Mounting	Rear fixture to articulated arm VESA mount 75 mm x 75 mm mounting hole pattern
Dimensions	457.3mm x 374 mm x 98.6 mm (Handset included)
Weight	7 kgs / 15.43 lbs
Cooling	Fanless design, rear heatsink with wipe clean design

OS Support

OS Support	Windows XP, XPe and Linux are supported

Peripherals and Device Interfaces

Headphone Socket	One 3.5mm phone jack on left side of bottom access (View from the front side)
Phone Handset	One RJ-11 socket on left side of terminal
Smart Card Reader	Optional Integrated in display module
IrDA Receiver/Transceiver	Optional one IrDA 1.2 Receiver/Transceiver sensor integrated in front bezel
Video Camera	Optional USB 2.0 1.3 M pixels CMOS sensor PC camera intergraded on the top side of display module
User Controls	Control buttons integrated on front & bottom of Panel
USB Ports	4 x USB 2.0 ports for external peripherals

Audio Sub System

Amplifier	• 0.3 W RMS headphone output per channel (minimum) • Software headphone mute • Software handset mute • Independent control of all audio channels via internal mixer
Phone Buzzer	Incoming telephone call indication
External Speaker	2 x 2 W 8 Ohm speaker integrated in system housing

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