

POSEIDON

Industrial TFT LCD Touch Panel PC



Overview:

The POSEIDON is available with P3 and P4 platforms and comes standard with 12.1" and 15" TFT LCD and with option of touch screen. It features onboard graphics, audio, 10/100 Base-T Ethernet and memory up to 512MB SDRAM (P3) and 2GB DDR (P4) capacity that make the POSEIDON powerful for multimedia applications. The POSEIDON also has the space for built-in HDD (3.5"), FDD (slim), CD-/DVD-ROM Drive (slim) and two expansion slots for flexibility. It is constructed with resilient plastic and provides with different installations, such as wall/table swing arm mounted, panel mounted and desktop stand. The POSEIDON is an ideal panel system for applications of KIOSK, POS, POI and automation.



ACME PORTABLE MACHINES, INC.

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Specifications:

System Platform	Pentium III	Pentium 4
LCD Size	12.1" , 15" TFT LCD	
LCD Resolution	12.1": 800 x 600, 15": 1024 x 768	
LCD Brightness	12.1": 100 nits (Standard) , 15": 250 nits (Standard)	
Touch Screen	5-wire Resistive, Surface Acoustic Wave Touch	
Chipset	SiS630ST	SiS 651+SiS962
CPU	Socket 370 processors Pentium® III (Tualatin) up to 1.5GHz Pentium® III up to 1GHz Celeron™ up to 1.5GHz	Socket 478 processors Pentium® 4 up to 3.06GHz
Front Side Bus	66/100/133MHz	400/533MHz
Memory	32MB – 512MB (1 x 168-pin SDRAM)	128MB – 2GB (2 x 184-pin DDR)
Display	Integrated VGA/LCD Controller, 2D/3D GUI engine, 4X AGP, Video Memory up to 64MB (sharing system memory) LCD resolution: 640x480, 800x600, 1024x768	Integrated VGA/LCD Controller, 2D/3D GUI engine, 4X AGP, Video Memory up to 64MB (sharing system memory) LCD resolution: 640x480, 800x600, 1024x768, 1280x1024, 1600x1200
Dual Display	<ul style="list-style-type: none"> ● Direct drive max. 24 bits TTL/CMOS/TFT LCD ● With scaling board 48 bits TTL/CMOS/TFT LCD (*) ● With LVDS board for LVDS LCD (*) ● With SiS301 board for TV function (S-Video or RCA) (*) 	<ul style="list-style-type: none"> ● Direct drive max. 24 bits TTL/CMOS/TFT LCD ● With scaling board 48 bits TTL/CMOS/TFT LCD (*) ● With SiS302LV board for LVDS LCD and TV function simultaneously (*)
Flash Disk	DiskOnChip socket available	N/A
Drive Bays	1 x HDD 3.5", 1x Slim CD-ROM/DVD-ROM Drive, 1 x Slim FDD	
Compact Flash	N/A	Socket available (type I/II)
Watchdog Timer	64-level intervals	
Ethernet 1	Onboard Realtek 8201BL PHY 10/100 Base-T	
Ethernet 2	N/A	Onboard Realtek 8101L 10/100 Base -T
Audio	Onboard AC'97 Audio Codec (Line-in, Line-out & Mic-in)	
I/O Ports	4 x Serial (3 x RS232, 1x RS-232/485), +5V/12V power output on pin 1 or pin 9	4 x Serial (3 x RS232, 1x RS-232/422/485), +5V/12V power output on pin 9
	1 x Parallel (SPP/EPP/ECP)	
	1 x External FDD Interface	N/A
		1 x PS/2 Keyboard
		1 x PS/2 Mouse
		1 x DIO (Input x 2 ; Output x 2) with 1 x RJ-12 Phone Jack
	4 x USB 1.0 (2 x back I/O, 2 x onboard)	4 x USB 2.0
	N/A	2 x IEEE 1394
		1 x VGA Interface for second display
		1 x Brightness VR
		1 x Speaker-out, 1 x Line-in & 1 x Mic-in
	Expansion Slot	1 x PCI & 1 x PCI/ ISA (shared)
Power Supply	ATX150W, 100~230VAC @ 47~63Hz Optional 24V DC Power Supply (*)	AC 100-240V (Universal) via external DC 19V adaptor N/A
Speaker	Built-in Speakers	
Construction	Heavy-Duty Steel (inside)	Fire-proof resilient plastic (outside)
Front Bezel	IrDA transmission, LED indicators for HDD, LAN, Power	
Stand	Stand A: 30° ~ 47°, Stand B: 60° ~ 90°	
Chassis Color	Black / Beige	
Mounting	Panel mounted, Wall/Table mounted w/Swing Arm VESA 75 / 100 mm (*)	
Dimensions	12.1": 368 x 321.7 x 107.5mm (W x H x D) 15": 416 x 359 x 120.5 mm (W x H x D)	
O/S	Windows98, 98SE, ME, NT, 2000, XP	
Safety	FCC, CE, UL, (Medical EN60601-1 available *)	

Remark: " * " Optional Function/Feature

Environment Specifications:

- Operating Temperature 0°C~40°C
- Relative Humidity 10~90%, non-condensing

- Vibration 5~500Hz , X/Y/Z displacement, 5~500Hz power spectrum density, 1G acceleration peak to peak
- Storage Temperature 0°C~60°C

Specifications subject to change without notice.

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