

Technical specifications A1Touch All-In-One Systemen



Specifications LCD screen

Beeldscherm	15 inch	17 inch	19 inch
Screen size	15.0 inch	17.0 inch	19.0 inch.
LCD Panel	TFT active matrix LCD		
Resolution	1024 x 768 xga	1280 x 1024 sxga	1280 x 1024 sxga
Colors	16,2 Million	16,2 Million	16,7 Million
Pixel pitch	0,297 mm	0,264 mm	0,294 mm
OSD control	Vertical position, OSD Menu position, Manual Setup, Language Select, Information, Horizontal position, Factory Default, Color, Brightness/contrast, Auto setup		
Response time	16 ms	5 ms	12 ms
Horizontale scan range	31.5 ~ 80 KHz		
Verticale scan range	56 ~ 75 Hz		
Screensize Horizontale	304,1 mm	337.9 mm	376.3 mm
Screensize Verticale	228,1 mm	270.3 mm	301.1 mm
Viewing angle (L/R&U/D)	65°/65° & 45°/55°	80°/80° & 85°/75°	80°/80° & 85°/75°
Brightness	250 cd/m ²	250 cd/m ²	300 cd/m ²
Contrast ratio	400 : 1	500 : 1	700 : 1
Tilt	Yes		
Integration touch options	Without touch (protection glass), 4 or 5 wire resistive, SAW or Capacitive		

Specifications Touch Screen

Resistief 4 or 5 Wire	
Interface	RS232 of USB
Linearity	Less then 1%
Activation force	Normal 30 till 80 grams
Surface hardness	Meets pencil hardness "3H" (per ASTM D3363)
Resolution panel	1024 X 1024 based on controller
Reliability LCD panel	4 Wire - 3 million touches on 1 pixel. 5 Wire – 15 million touches on 1 pixel
Operating temperature range	-10°C till 50°C



Specifications Computer, Pico ITX based

Type	VIA EPIA SN18000G		
Chipset	VIA CN896 North Bridge VIA VT8251 South Bridge		
Memory	2 DDR2 400/533/667 DIMM sockets till 4GB memory		
Processor	VIA C7 1.8GHz NanoBGA2 Processor 1.0GHz		
Flashmodule/ Harddisk	2Gb or 4 Gb IDE Flashmodule and/or 80 Gb SATA Harddisk.		
VGA	Integrated VIA Chrome9™HC Integrated Graphics with 2D/3D and Video acceleration		
Keyboard / Mouse	Optional, USB, Wireless keyboard / mouse		
LAN (RJ-45)	VIA VT6103L 10/100Mbps Ethernet PHY VIA VT6130 PCI-E Gigabit Ethernet Controller		
Audio	VIA VT1708A High Defination Audio Codec, Mic-in, Line-out, Line-in, 5.1 audio		
Hardware Monitor & Power Management	Fan control, CPU voltage monitoring, AC power failure recovery, System power management, Wake-on-Lan, Keyboard-power-on, Timer-Power-on, Watch-dog Timer		
Operating system	Windows XP, Linux, Win CE, XP		
I/O connections			
I/O backside system	1 x VGA		
	4 x USB 2.0/ 1.1 Ports		
	1 x PS/2 Keyboard		
	1 x PS/2 Mouse		
	1 x RS232 COM Poort		
	2 x RJ45 LAN port 10/100Mb Ethernet (internet connection. Standard)		
	1 x Mic-in		
	1 x Line-in		
	1 x Line-out		
Power management			
Power usage	50W normaal gebruik; 110 W max.; 5 W stand by.		
Power	PW120 P Pico, DC-DC converter 120W internal. Tafelvoeding 110 W External.		
Enviromental parameters			
Humidity operation mode	10 to 90 % R.H.		
Operating temperature range	0 to 50 °C		
Weight and Size	15 inch	17 inch	19 inch
Weight	4 Kg	5.5 kg	6.5 kg
Size (W x H x D)	350x274x60 mm	380x312x64 mm	425x350x65 mm