



PPC-22W01/03

22" WSXGA TFT Fanless
Multifunctional Panel PC



Features

- 22" 5-wire Resistive WSXGA TFT
- Onboard Intel® Atom™ N270 1.6 GHz CPU;
Onboard VIA Eden V4 ULV 1 GHz CPU
- Intel® 945GSE / VIA CX700M Chipset
- One SODIMM up to 1 GB DDR2 SDRAM
- Dual Gigabit Ethernet
- Audio, Speakers
- 1 Mini PCI, 1 CF, 1 COM, 2 USB
- Supports 2.5" SATA HDD
- Fanless Operation, VESA Compliance
- Programmable Function Key



Specifications

	PPC-22W01	PPC-22W03
• LCD Type	16:10, 22" 5-wire resistive WSXGA TFT	16:10, 22" 5-wire resistive WSXGA TFT
• Resolution & Color	1680 x 1050, 16.7 Million	1680 x 1050, 16.7 Million
• Pixel Pitch	0.282 mm (H) x 0.282 mm (V)	0.282 mm (H) x 0.282 mm (V)
• Luminance	300 cd/m2	300 cd/m2
• Contrast Ratio	700	700
• Viewing Angle	80(U), 80(D), 85(L), 85(R)	80(U), 80(D), 85(L), 85(R)
• Response Time	5 ms	5 ms
• Light Transmission	80%	80%
• Touch Interface	USB	USB
• CPU	Onboard VIA Eden V4 ULV 1 GHz (3.5W) CPU	Onboard Intel® Atom™ N270 1.6 GHz (2.5W) CPU
• System Chipset	VIA CX700M	Intel® 945GSE / ICH7-M
• I/O Chip	VIA VT1211	ITE IT8712F/KX
• System Memory	One 200-pin DDR2 SODIMM socket, supports up to 1GB DDR2 400/533 SDRAM	Onboard 1 GB DDR2, one 200-pin DDR2 SODIMM supports up to 2 GB 400/533 SDRAM (1GB per bank)
• SSD	One CF socket by IDE secondary slave channel supports Type I / II Compact Flash Card (internal)	
• Watchdog Timer	Reset: 1 sec.-255 min., 1 min./step	Reset: 1-65535 sec./min. and 1 min./step
• H/W Status Monitor	Monitoring system temperature, voltage with auto throttling control	
• HDD	One 2.5" SATA HDD or optional 44-pin enhanced IDE HDD	
• Expansion Interface	1 x Mini PCI	
• Display Memory	Supports 32 / 64 / 128 MB Frame Buffer sizes	Intel® DVM T 3.0 supports up to 224 MB shared video memory
• Resolution	CRT resolutions up to 2048 x 1536	
• Multiple Display	CRT+LVDS	
• Audio	VIA VT1708A supports 5.1-CH Audio, 2 x 2W Speaker	Realtek ALC655 supports 5.1-CH Audio, 2 x 2W Speaker
• Ethernet	Dual Realtek RTL8110S Gigabit Ethernet	
• Rear I/O	1 x RS-232, 2 x RJ-45, 1 x DB-15, 2 x USB 2.0, 1 x Line out	
• Power	100-250 Vdc / 47-63 Hz [Input], +12 Vdc / 5 A (60W) [Output]	
• Temperature	-10~50°C (14~122°F) [Storage], 0~40°C (32~104°F) [Operating]	
• Relative Humidity	0%~90% relative humidity, non-condensing	
• Dimension (W x D x H)	510 mm x 352 mm x 55 mm (VESA 100 x 100mm)	

Ordering Information

- **PPC-22W01**
22" WSXGA TFT Plastic Panel PC with VIA Eden V4 ULV 1 GHz CPU
- **PPC-22W03**
22" WSXGA TFT Plastic Panel PC with Intel® Atom™ N270 1.6 GHz CPU
- **ACC-WIFI-USB-6R**
VNT6656G6A40 USB Module w/Antenna, Cable
- **ACC-ARM-D1R**
VESA STAND, 75 & 100 mm
- **ACC-ARM-D2R**
VESA STAND, 75 & 100 mm
- **ACC-CF-XX**
CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4, 8 GB)