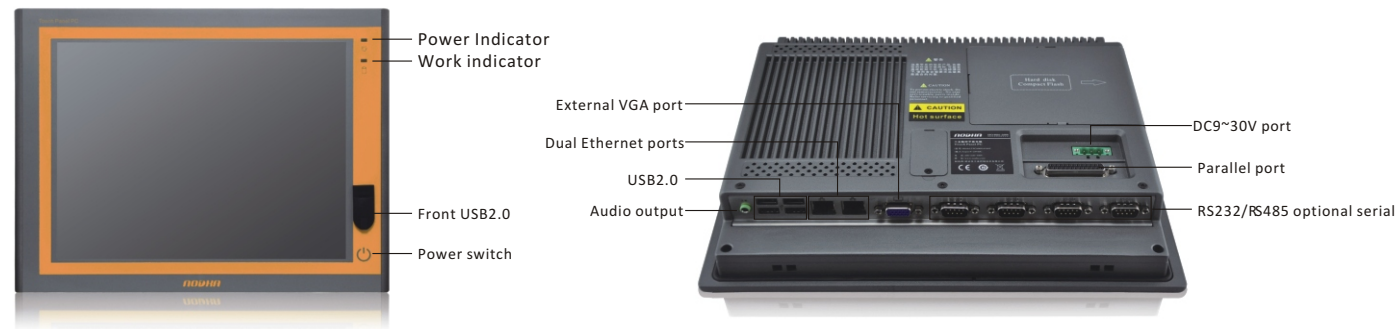


TPC6000-6121T

Intel Atom Fanless Industrial Panel PC

Touch Panel PC



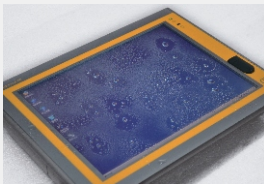
Introduction

TPC6000-6121T is based on the Intel Atom processor Fanless Industrial Panel PC, CPU and memory are used in SMD technology, and enhance product stability and compatibility; cable-free storage, while supporting SATA HDD and CFAST storage, and design a fast installation and maintenance programs. It designed 9-30V wide voltage power input program, to meet the requirements of complex industrial site increases over current, over voltage, surge and reverse polarity protection measures; there is a full range of I/O interfaces: two Gigabit Ethernet port, five USB2.0 ports, four RS232 /485 optional serial port, parallel port, audio output and VGA display interface, and support for external monitors constitute a synchronous or asynchronous dual display.

TPC6000-6121T is also based on the appearance of the industrialized consider using magnesium alloy die casting, thin shape both ruggedness, large rear box fin heat within the system can be quickly disseminated; front panel in full compliance with NEMA / IP65 dustproof and waterproof standard, to prevent water droplets and dust into the host site and affect equipment operation.

TPC6000-6121T is compatible with WindowsXP, WindowsXP Embedded, Windows7, Windows8, Linux and major operating systems and embedded operating system, compatible with the customer based on the above operating systems and application software programs.

Features and Benefits



Front panel NEMA IP65 waterproof rating reaches



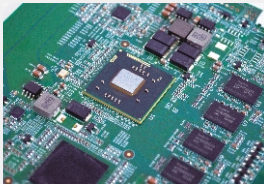
Fast disk installation and maintenance structure



Magnesium large aluminum fin, maintenance-free design



User-friendly front panel design



CPU and memory use of BGA SMD technology, wide temperature, pressure and long life solid capacitors



High integration and professional board design



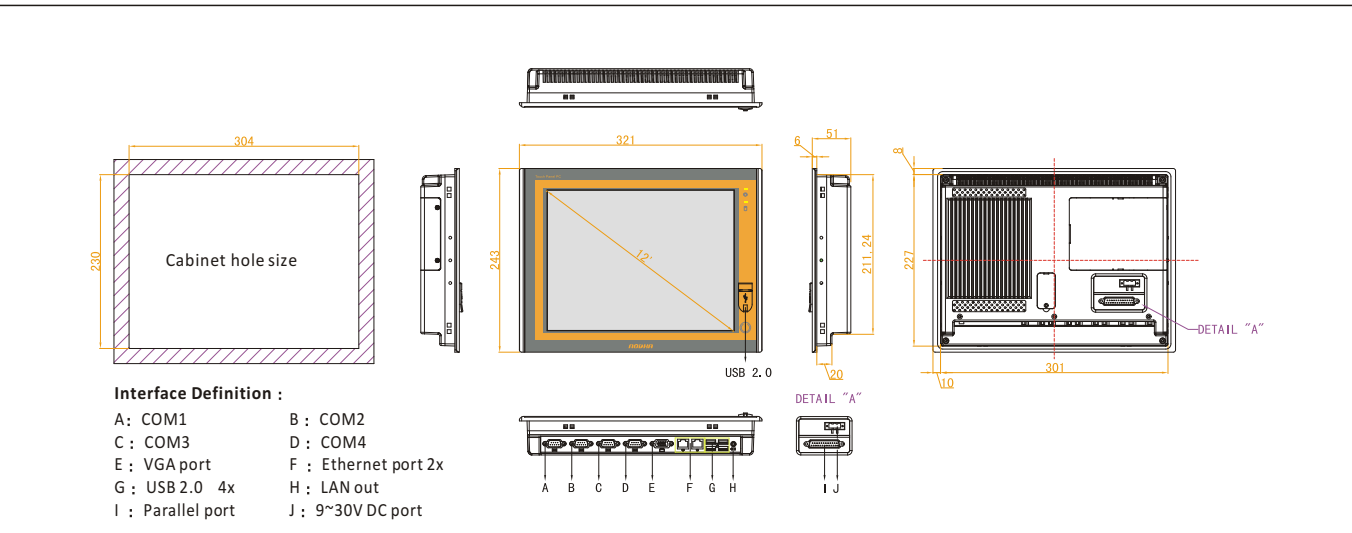
8KV electrostatic protection, TVS 600W surge protection, 2500VDC isolation serial magnetic coupling



Phoenix terminal using fastening type power connector

Specifications

System	S	LCD	I
Processor	: Onboard Intel Atom N2800 dual-core processor (TDP6.5W) 1.86GHZ, Secondary cache 1M	Size / Type	: 12.1-inch XGA TFTLCD
Chipset	: Intel NM10 (TDP2.1W)	Resolution	: 1024 x 768
Memory	: DDR3 2GB onboard memory	Maximum color	: 262K
Disk	: Support SATA 2.5 "SSD,HDD and CFAST	Display area	: 245.76 × 184.32mm
Display	: Intel GMA3600 512MB shared video memory	Reaction time	: 16ms
Ethernet port	: 2 INTEL 82583V 10/100 / 1000Mbps RJ45 port	Backlit	: LED
Wireless	: A Mini-PCIe slots, scalable 3G, Wifi wireless card	Backlit MTBF	: 50,000 hours
Audio	: Realtek ALC662 audio controller	Brightness	: 450cd/m²
USB	: 1 front USB, 4 USB Rear, with electrostatic protection 8KV	Contrast ratio	: 700 : 1
Serial port	: 4 RS232 / RS485 selectable serial, has 2.5KV magnetic coupling isolation, 600W surge protection and electrostatic protection 8KV, RS232 supports 5V / 12V	Lattice	: 0.24 x 0.24
Watchdog	: Programmable from 1 to 255 seconds	Max view angle	: (H)160/(V)160
Institutional		Touch screen	
Front Panel	: Magnesium alloy die-casting, the surface of the PET film	Size / Type	: 12.1-inch five-wire analog resistive temperature
Box structure	: Magnesium alloy die casting, high temperature paint handling	Resolution	: 4096 x 4096
Mounting	: Panel mounting, with VESA mounting bracket can be realized	Response time	: <5ms
Panel Color	: Gray	Surface hardness	: 3H
Power Input	: DC9 ~ 30V wide voltage work, with overcurrent, overvoltage	Click life	: 250g efforts, 35 million times
Overall size	: 321 × 243 × 51 mm (W x H x D)	Stroke life	: 250g efforts, 5 million times
Case Size	: 301 × 227 × 45 mm (W x H x D)	Transmittance	: More than 81%
Hole Size	: 304 × 230 mm (W x H)	Environmental	
Weight	: 2.2kg	Working tem.	: -20 ~ 60°C (No mechanical hard drive)
		Storage tem.	: -30 ~ 80°C
		Relative humidity	: 95% (No condensation)
		Vibration	: 50 ~ 500Hz, 1.5G, 0.19mm Peak to peak
		Shock	: 10G/peak (11ms secretary)



Ordering Information

TPC6000-6121T : 12.1-inch TFTLCD/N2800 1.86GHzCPU/2GBMemory/2×GLAN/5×USB/4×(RS232/485)/LPT/VGA/AUDIO/TOUCH
PAA060F : AC220V input, DC12V @5A output power adapter (optional)