

# TPC6000-A191

19-inch Intel Atom fanless industrial panel PC

Touch Panel PC



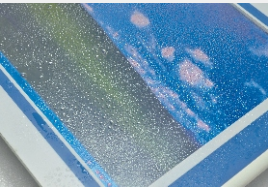
## Introduction

TPC6000-A191 is a low power, fanless industrial panel PC, diecast magnesium alloy casing, both strong and beautiful appearance of thin, cover the design of a large area of finned heat sink, the system can be heat rapid dissemination; compliant front panel NEMA / IP65 dustproof and waterproof standards, to prevent installation in the control cabinet because of the scene splashing water droplets and water vapor into the host and affect equipment operation. The product uses panels flush mounted, just four hooks tightened to complete the installation and maintenance is very easy.

TPC6000-A191 uses a high-temperature process of five-wire resistive touch screen, surface dust, waterproof, anti-oil and 35 million hits life; onboard Intel Atom D2500 1.86GHz dual-core processor, BGA soldering CPU enhanced vibration resistance and is compatible with the system , data storage support mSATA, SSD and notebook hard drive.

TPC6000-A191 support Windows XP, Windows 7, Windows XP Embedded, Linux mainstream 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



Onboard N2500 processor, power consumption 6.5W



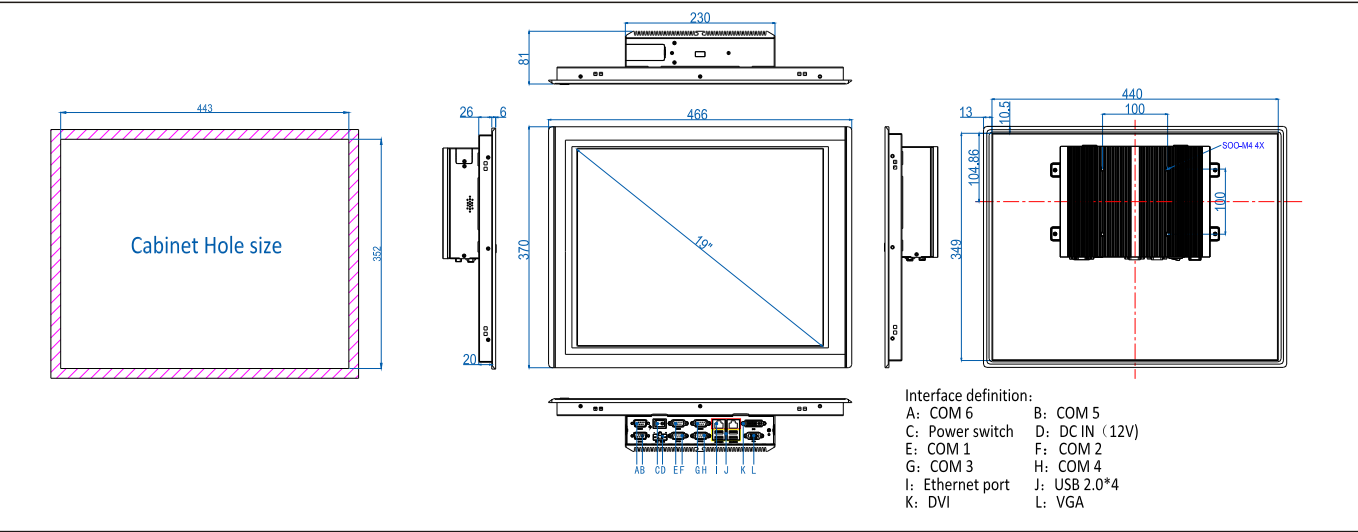
Large aluminum finned heat sink



Phoenix terminal using fastening type power connector

## Specifications

System		LCD	
Processor	: Onboard Intel Atom D2500 dual-core processor ( TDP6.5W ) 1.86GHZ, Secondary cache 1M	Size / Type	: 19"XGA TFT LCD
Chipset	: Intel NM10 ( TDP2.1W )	Resolution	: 1280 × 1024
Memory	: DDR3 2GB memory(up to 8GB)	Maximum color	: 16.7M
Disk	: Support SATA 2.5 "SSD,HDD and mSATA	Display area	: 376.32 × 301.06mm
Display	: Intel GMA3600 512MB shared video memory, supports synchronous, asynchronous dual display	Reaction time	: 16ms
Ethernet port	: 2 RTL8111E10/100/1000Mbps RJ45 port	Backlit	: LED
Wireless	: 1 Mini-PCIe slots, scalable 3G, Wifi wireless card	Backlit MTBF	: 50,000 hours
Audio	: Realtek ALC662 Audio Controller	Brightness	: 250cd/m <sup>2</sup>
USB	: 4 USB2.0 ports rear, with electrostatic protection 8KV	Contrast ratio	: 1000: 1
Serial port	: 6 RS232 serial ports(COM5, COM6 optional 485)	Lattice	: 0.294 × 0.294
Watchdog	: Programmable from 1 to 255 seconds	Max view angle	: (H)160/(V)160
Institutional		Touch screen	
Front Panel	: Magnesium alloy die-casting, surface using PET foil, meet the NEMA IP65 degree of protection	Size / Type	: 19-inch five-wire analog resistive temperature
Box structure	: High-strength sheet metal structure, high temperature paint handling, cover large area designed finned heat sinks	Resolution	: 4096 × 4096
Mounting	: Panel mounting, supports VESA mounting	Response time	: <5ms
Color	: Flash silver	Surface hardness	: 3H
Power Input	: DC12V input, with reverse polarity protection measures	Click life	: 250g efforts, 35 million times
Overall size	: 466 × 370 × 81mm(W × H × D)	Stroke life	: 250g efforts, 5 million times
Case Size	: 440 × 349 × 75mm(W × H × D)	Transmittance	: More than 81%
Hole Size	: 443 × 352mm(W × H)	Environmental	
Weight	: 6kg	Working tem.	: -20 ~ +60℃ ( Electronic disk )
		Storage tem.	: -40 ~ +80℃
		Relative humidity	: 10 ~ 95% @ 40℃ ( No condensation )
		Vibration	: 50 ~ 500Hz, 1.5G, 0.15mm Peak to peak
		Shock	: 10G/peak ( 11ms sec )



## Ordering Information

TPC6000-A191-T: D2500/2GB DDR3/VGA/DVI/RS232\*6/GbE LAN\*2/USB\*4/DC12V/5A  
TPC6000-A191TA: D2500/2GB DDR3/VGA/DVI/RS232\*5/RS485\*1/GbE LAN\*2/USB\*4/DC12V/5A  
TPC6000-A191TB: D2500/2GB DDR3/VGA/DVI/RS232\*4/RS485\*2/GbE LAN\*2/USB\*4/DC12V/5A