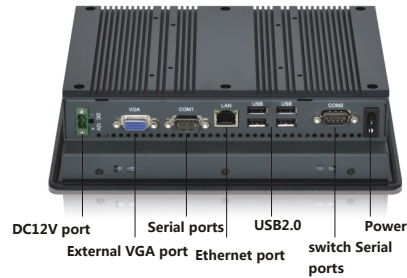


TPC6000-5082T

Rugged Intel® Atom™ Fanless embedded industrial Tablet PC

Industrial Touch Panel PC



Brief introduction

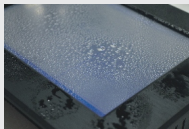
TPC6000-5082T is based fanless Industrial Panel PC Intel Atom N2600 1.6GHZ dual-core processor, has a powerful computing capabilities while maintaining low power consumption, memory capacity of DDR3 2GB, support MSATA electronic disk; machine using DC12V DC powered interfaces Gigabit Ethernet ports, four USB2.0 ports, two RS232 serial ports, audio output and VGA display interface, and supports plug a monitor constitute synchronous or asynchronous dual display;

TPC6000-5082T high quality 8" LCD display with a resolution of 800 × 600, low power LED backlight; touch screen with precision four-wire resistive, with fast response, high precision, dust, water and other characteristics.

TPC6000-5082T uses made of aluminum panels and galvanized steel box structure, thin shape both robustness, the box design a large area of finned heat sink, the heat within the system can quickly distribute; front panel fully comply with NEMA / IP65 dustproof and waterproof standards, to prevent water droplets and dust into the host site affect equipment operation.

TPC6000-5082T Industrial Tablet PC devices are widely used in instrumentation, test equipment, environmental monitoring, pharmaceutical equipment, logistics, information terminals, food packaging machinery, machine vision inspection, high-voltage inverter, solar power plants and other industrial field environments.

Features and Benefits



Front panel NEMA IP65 waterproof rating reached



Onboard N2600 processor, power consumption 3.5W



Large aluminum fin, maintenance-free design



Phoenix terminal using fastening type power connector

Product Specifications

Institutions and power

The front panel	Die cast magnesium alloy front panel PET film reaches NEMA IP65 protection class
Box structure	Steel box structure, high temperature paint handling
Panel color	DC12V Power
Power Input	Deep color
Overall dimensions	236 × 188 × 62.5 mm (Width × Height × Depth)
Box Size	218 × 168 × 56.5 mm (Width × Height × Depth)
Hole size	221 × 171 mm (Width × Height)
Total Weight	Weight: 2.22kg

System parameters

Processor	Onboard Intel N2600/1.6GHZ 32nm low-power dual nuclear power plant thread processor (TDP 3.5W)
Chipset	Intel NM10 (TDP2.0W)
Memory	Supports up to 4GB DDR3 1066/800MHz SDRAM
Disk	Support SATA2.5 *notebook hard drive, SSD
Show	Intel GMA3600/512MB shared memory
Network port	1 Realtek RTL8111E 10/100/1000Mbps RJ45 ports, supporting MINI-PCIE 3G, WIFI wireless network card
Audio	Realtek ALC662 audio controller
USB	4×USB2.0 Port
Serial ports	2×RS232 serial ports
Watchdog	Programmable 1 ~ 255 seconds

LCD Display

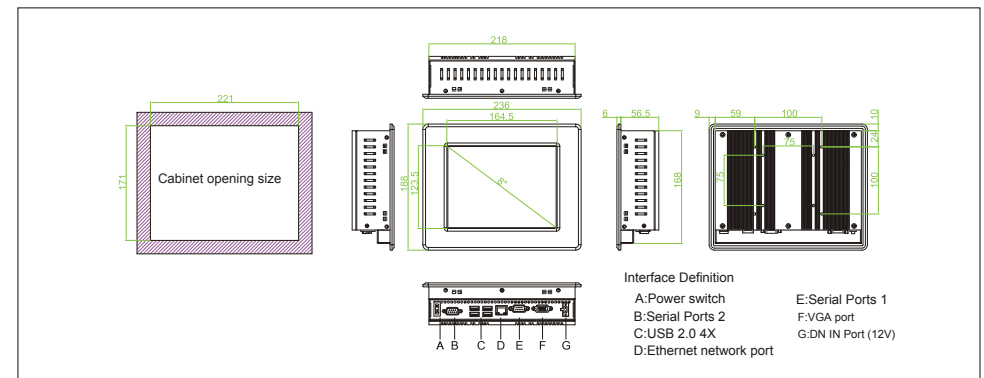
Size/Type	8" TFT LCD
Resolution	800×600
Maximum Color	262K
Display Area	162×121.5
Reaction Time	15ms
Backlit	LED
Backlit MTBF	50,000 Hours
Pixel Pitch	0.0675×0.2025mm
Brightness	250cd/m ²
Contrast	500:1
Maximum Angle	(H)140/(V)120

Touch Screen

Size/Type	4-wire analog resistive
Resolution	4096×4096
Touch Response Time	<5ms
Surface Hardness	3H
Click To Life	250 Grams Efforts, 10 Million Times
Stroke Life	250 Grams Effort, 1 Million Times
Transmittance	More Than 80%

Environmental parameters

Operating Temperature	-20 ~ 60°C
Storage Temperature	-30 ~ 80°C
Relative Humidity	95% (Non-Condensing)
Vibration	50 ~ 500Hz, 1.5G, 0.15mm Peak
Impact	10G/Peak (11ms Sec)



订购信息

TPC6000-5082T : 8" TFT LCD/1.6GHz CPU/1×LAN/4×USB2.0/2×RS232/VGA
 FAA060F : 220V input, DC12V @ 5A output power adapter