

## TPC-8170E

### FEATURES

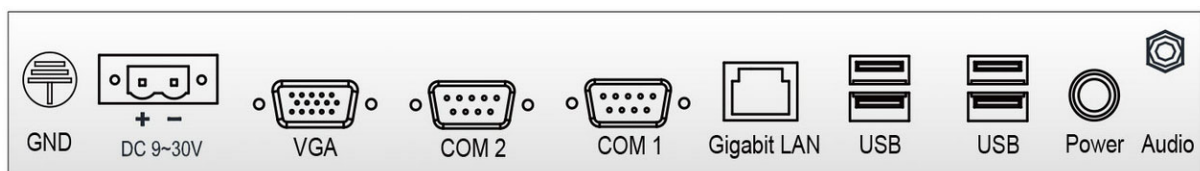
- ✓ Industrial 17" XGA TFT LCD
- ✓ Embedded Low Power Consumption Dual Core CPU
- ✓ Supports Memory up to 8GB DDR3L,SSD up to 128GB
- ✓ Compact Fanless Design with Aluminum Magnesium Alloy Enclosure
- ✓ Resistive Touch Screen



### INTRODUCTION

The TPC-8170E touch panel pc with a 17" TFT LCD, embedded low power consumption dual core CPU, it is a economic PC which meet various demands of harsh industrial applications.

### PICTURE



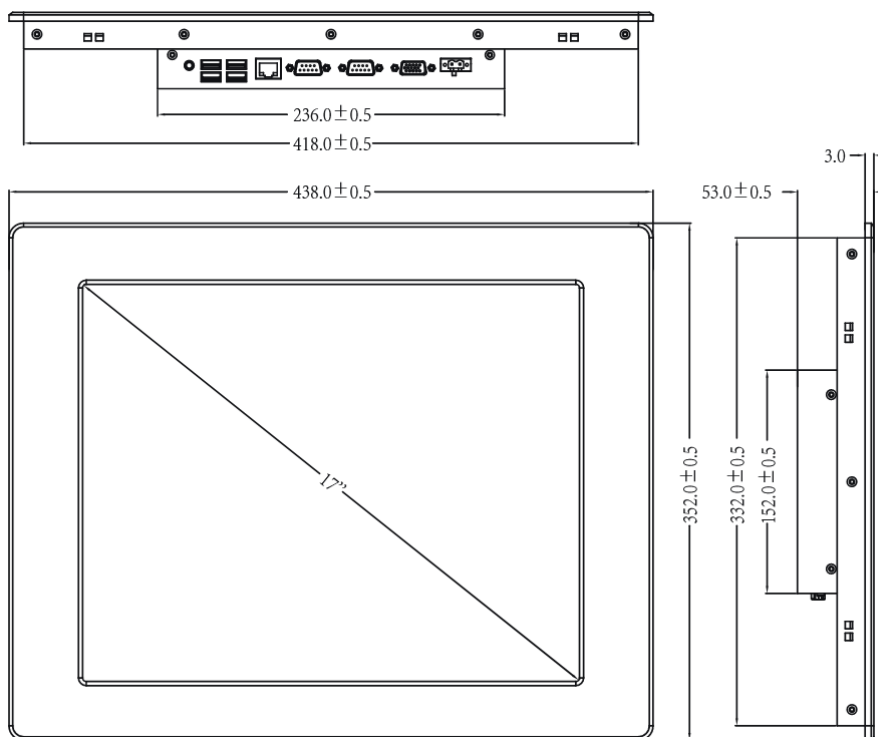
# TPC-8170E

## TECH SPECS

<b>General</b>	Display Size	17" TFT-Panel
	CPU	Embedded dual core J1800
	Chipset	Intel Bay Trail
	BIOS	SPI 64M
	Graphics	Intel® HD4000/5000/6000 Graphics
	Display Memory	Shared memory with RAM
	RAM	Slot DDR3L, support MAX 8GB
	Storage	16GB SSD, up to 128 GB
	Network	Rtl8111F GbE LAN
	I/O Interface	4 x USB2.0 Port, 1 x GigaLAN, 1 x VGA, 1 x RS232/RS485, 1 x RS232
	Expansion	GPIO 12 bit programmer, 3.3V@24mA 1 * Mini-PCle socket, Support 3G/4G Module
	Watchdog Timer	Programmable 1 ~ 255 sec; Support System Reset
	Mounting	Panel, VESA 75*75, 100*100
	Power Supply	9-30 V DC
	Power Interface	2pin Phoenix
	Operating System	WIN7 / 8 / 10
Dimension (WxHxD)	438*352*53mm	
Net Weight	5.5kgs	
<b>Touch screen</b>	Type	5-wire resistive
	Knocking Life	≥ 10 <sup>6</sup> times with a silicone rubber R8 finger, writing rate is by 250g at 2 times/s
	Stroke Life	≥ 100000 times
<b>LCD</b>	Size	17" TFT
	Resolution	1280*1024
	Luminance	350cd/m <sup>2</sup>
	LCD life	50,000 hours
	Backlight Life	30,000 hours
<b>Environment</b>	Operation Temperature	0 - 50°C
	Storage Temperature	-20 - 70°C
	Relative Humidity	5%~90%@50°C
	Shock	peak acceleration 150m/s <sup>2</sup>
	Vibration	Displacement amplitude of 10~57Hz is 0.075mm
		Peak acceleration of 57~150Hz is 9.8m/s <sup>2</sup>
Impulse Width	10ms, half sinusoid	

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## DIMENSIONS & I/O LOCATION



## PACKING LIST

Item	Quantity
TPC-8170E	1
Ground Wire	1
User Manual	1

## ORDERING INFORMATION

Model	Description
TPC-8170E	TPC-8170E 17" Industrial Panel PC
SSD - 32G/ 64G/ 128G	32G SSD/ 64G SSD/ 128G for TPC-8170E
PCS-2018	Power Supply and Power Cord for TPC-8170E