

# A9 PA-170TPC-CE5A

## 17" Industrial Panel PC Intel® Celeron® or Core processor



### Characteristic

- ◆ 17" TFT LED panel
- ◆ High temperature five-wire resistive touch screen
- ◆ Optional Intel® Celeron® or Core processor
- ◆ Aluminum alloy shell, compact fanless design
- ◆ Front panel protection class IP65
- ◆ Supports full-size Mini PCIe expansion
- ◆ Supports USB 3.0
- ◆ Support for Windows Embedded and LINUX
- ◆ Support VESA 75

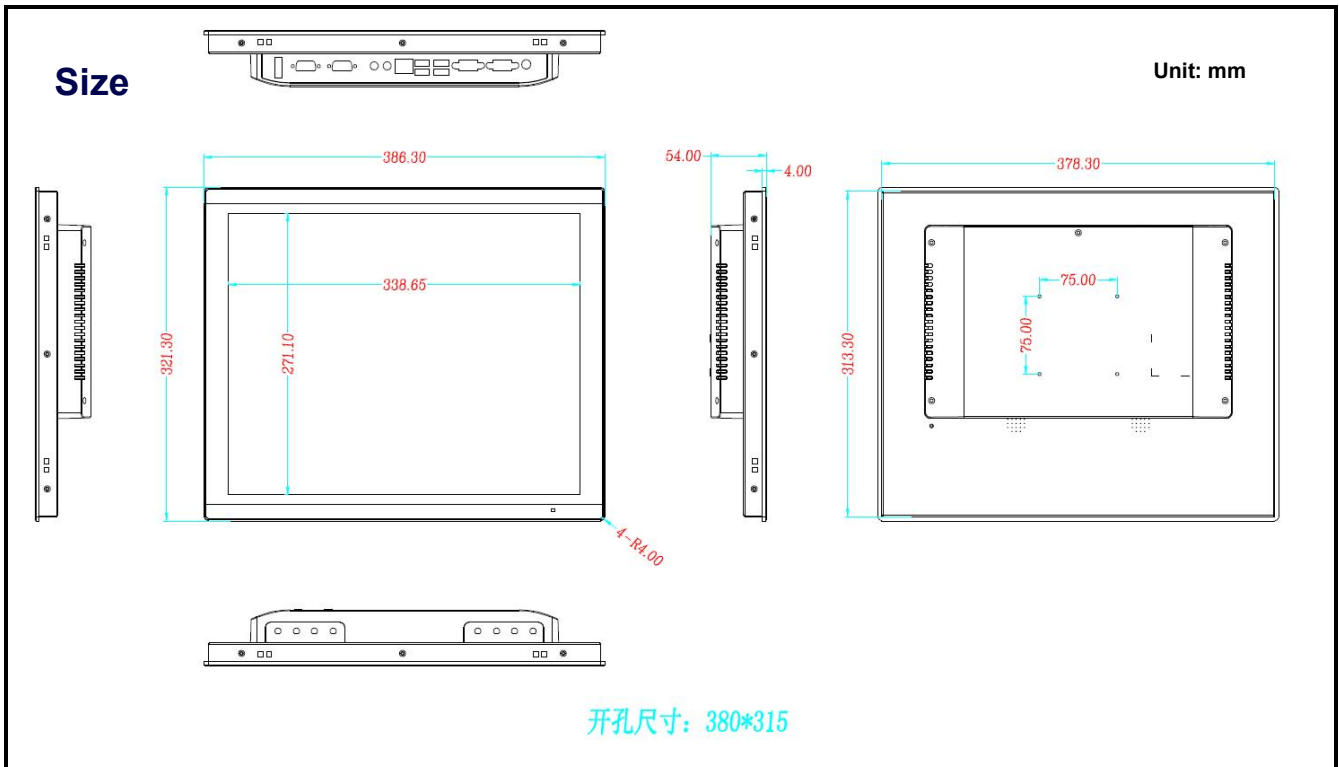
## Overview

This product is a cost-effective LCD industrial panel computer, which can choose Intel® Celeron® or Core processor, and the compact embedded system can provide high-performance computing. High durability design, front panel protection level IP65, high temperature five-wire resistive touch screen, supports multiple interfaces to meet various industrial.

## Specification

|                            |                                |                                                                                      |
|----------------------------|--------------------------------|--------------------------------------------------------------------------------------|
| <b>Processor</b>           | CPU                            | Intel® Celeron® J1900                                                                |
|                            | Frequency                      | 2.00GHz                                                                              |
|                            | L2 cache                       | 2MB                                                                                  |
|                            | Memory                         | 1 x SO-DIMM, DDR3L 1333, Maximum support 8 GB                                        |
|                            | Storage                        | 1 x 2.5" SATA Bay, 1 x mSATA Bay                                                     |
|                            | Network (LAN)                  | 1 x 10/100/1000 Mbps Ethernet                                                        |
|                            | I/O Interface                  | 3 x RS232                                                                            |
|                            | Expand                         | 1 x Full-size Mini PCIe slot                                                         |
|                            | watchdog timer                 | 255 level                                                                            |
| <b>Physical properties</b> | Size                           | 386.3 x 321.3 x 54 mm                                                                |
|                            | Weight                         | 4.6 Kg                                                                               |
| <b>OS</b>                  | Operating system               | Windows 7 32bit&64bit / Windows 8.1 32bit&64bit<br>Windows 10 32bit&64bit/WES7/Linux |
| <b>Power consumption</b>   | Input voltage                  | 12 Vdc                                                                               |
|                            | Power consumption              | 22W                                                                                  |
| <b>LCD display</b>         | Display type                   | 17" TFT LCD (LED Backlight)                                                          |
|                            | Resolution                     | 1280 x 1024                                                                          |
|                            | angle of view                  | 80 (left), 80 (right), 60 (top), 60 (bottom)                                         |
|                            | brightness(cd/m2)              | 250                                                                                  |
|                            | contrast                       | 1000                                                                                 |
|                            | Backlight life                 | 30,000 hour (Min.)                                                                   |
| <b>Touch screen</b>        | Type                           | High temperature five-wire resistive touch screen                                    |
|                            | Transmittance                  | 80±5% at 550 nm wavelength                                                           |
|                            | controller                     | USB interface                                                                        |
|                            | Durability (number of touches) | ≥ 35 million times                                                                   |
| <b>Environment</b>         | Operating temperature          | 0 ~ 50°C with SSD<br>0 ~ 40°C with HDD                                               |
|                            | Storage temperature            | -20 ~ 60°C                                                                           |
|                            | Relative humidity              | 10 ~ 95% @ 40°C (Non-condensing)                                                     |
|                            | EMC                            | CCC                                                                                  |
|                            | Safety                         | CCC                                                                                  |
|                            | Front panel protection         | IP65 standard                                                                        |

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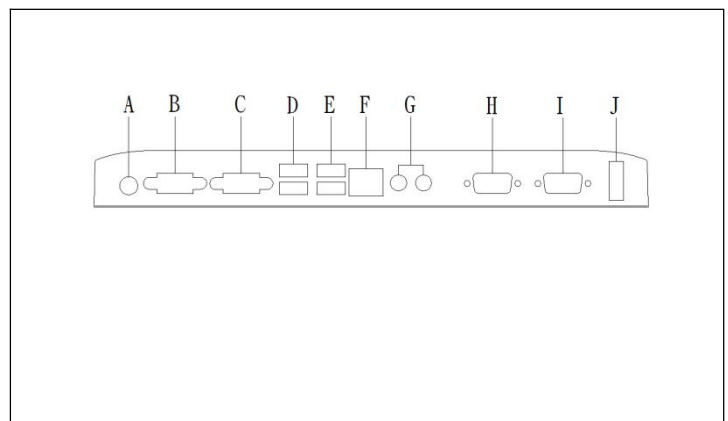


## Ordering Information

| Parts No               | Description                                             |
|------------------------|---------------------------------------------------------|
| A9 PA-170TPC-CE5A (19) | Intel Celeron J1900                                     |
| A9 PA-170TPC-CE5A (64) | Intel Celeron J6412                                     |
| A9 PA-170TPC-CE5A (I3) | Intel Core i3 CPU (optional 3/4/6 generation/or higher) |
| A9 PA-170TPC-CE5A (I5) | Intel Core i5 CPU (optional 3/4/6 generation/or higher) |
| A9 PA-170TPC-CE5A (I7) | Intel Core i7 CPU (optional 3/4/6 generation/or higher) |
| A9 PA-ARM-1            | VESA standard wall mount bracket                        |
| A9 PA-ACW-1            | WIFI module with antenna                                |
| A9 PA-ACW-2            | Full Netcom 4G data communication module with antenna   |

\*For other configurations, please contact the business specialist for consultation!!

## J1900 I/O Interface



- A. DC-In (12V)
- B. VGA
- C. COM1(RS-232)
- D. 1 x USB 2.0, 1 x USB 3.0
- E. 2 x USB 2.0
- F. RJ45 LAN
- G. AUDIO
- H. COM2(RS-232)
- I. COM3(RS-232)
- J. POWER\_SW .

\*There may be differences in other configuration I/O interfaces, please contact the business specialist for confirmation !