



## Features

- 17.0" TFT LCD display, LED Backlit, SXGA 1280 \* 1024;
- Intel 6<sup>th</sup> -gen. Skylake -U Core i3/i5/i7, dual-core processor;
- Multi-point projected capacitive touch, or 5-wire resistive touch;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12~24V, with over-current, over-voltage and polarity protection;
- 2\*GLAN, 6\*USB, 6\*COM, 1\*HDMI, 1\*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

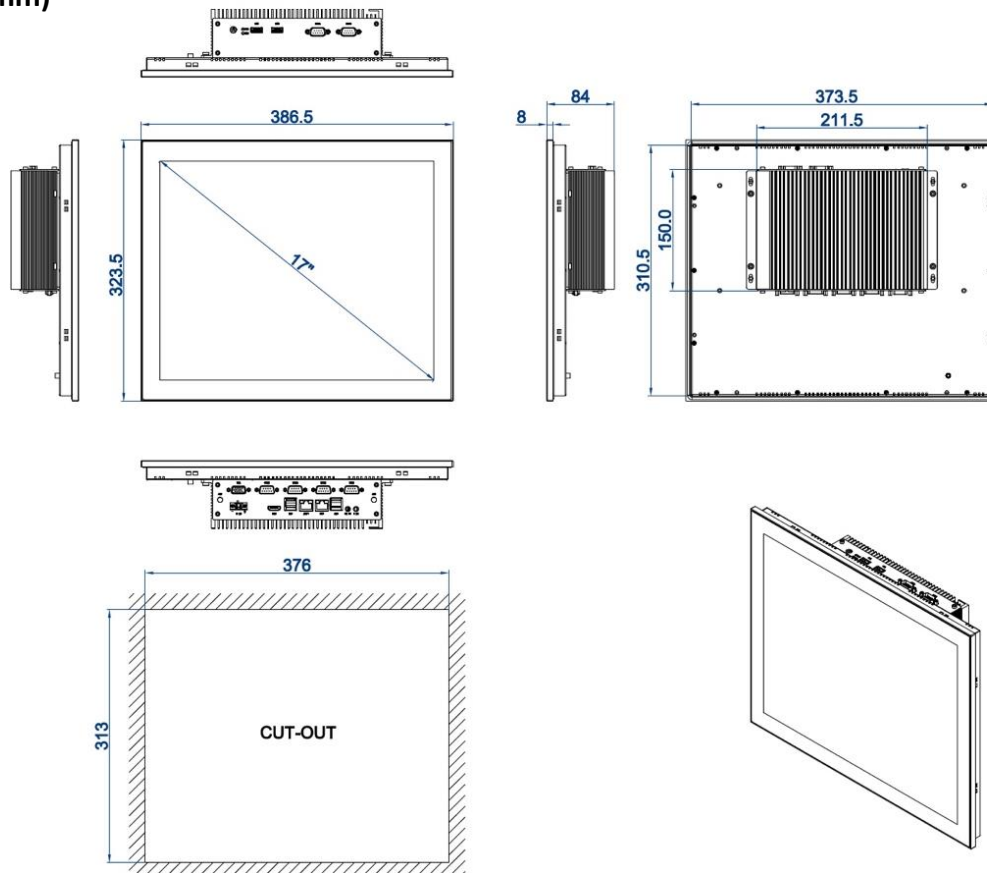


## Specification

|                                  |  |   |                            |                         |                         |
|----------------------------------|--|---|----------------------------|-------------------------|-------------------------|
| <b>Hardware &amp; System</b>     | BIOS                                   | SPI AMI EEI BIOS  |                            |                         |                         |
|                                  | CPU                                    | Celeron 3855U, Dual core  | i3-6100U, Dual core 2.3Ghz | i5-6200U, Dual-core     | i7-6500U, Dual-core     |
|                                  |  | 1.6Ghz  |                            | 2.3Ghz, burst to 2.8Ghz | 2.5Ghz, burst to 3.1Ghz |
|                                  | Memory                                 | SO-DIMM, DDR4, max. up to 16GB  |                            |                         |                         |
|                                  | Storage                                | 1*mSATA (Optional support 1* 2.5" SATA)   |                            |                         |                         |
|                                  | Graphic                                | Intel HD Graphics 520   |                            |                         |                         |
|                                  | Network                                | 2* Intel I211AT (Optional 3G/4G/Wi-Fi)  |                            |                         |                         |
|                                  | Audio                                  | On-board Realtek ACL 269 audio controller   |                            |                         |                         |
|                                  | Expansion                              | 1* Full size Mini-PCIe slot   |                            |                         |                         |
|                                  | Watch dog                              | 0~256 seconds programmable  |                            |                         |                         |
| OS                               | Win7, Win8, Win embedded, Win10, Linux |   |                            |                         |                         |
| <b>IO interface</b>              | COM                                    | 6x RS232 (Optional support 1x RS485)  |                            |                         |                         |
|                                  | Ethernet                               | 2x RJ45, 10/100/1000 Mbps   |                            |                         |                         |
|                                  | Audio                                  | Mic-in/Line-out   |                            |                         |                         |
|                                  | USB                                    | 4x USB3.0, 2x USB2.0  |                            |                         |                         |
|                                  | Display                                | 1x HDMI, 1x VGA   |                            |                         |                         |
|                                  | Power                                  | 1x 2 pins, phenix terminal  |                            |                         |                         |
| <b>LCD Display</b>               | Size/Type                              | 17.0" TFT LCD   |                            |                         |                         |
|                                  | Resolution                             | 1280 * 1024 (SXGA)  |                            |                         |                         |
|                                  | Brightness                             | 250 nits  |                            |                         |                         |
|                                  | Backlit & MTBF                         | LED backlit & 30 000hours   |                            |                         |                         |
|                                  | Display area                           | 337.92 * 270.34   |                            |                         |                         |
|                                  | View angle                             | 85/85/85/85   |                            |                         |                         |
| <b>Touchscreen</b>               | Type                                   | Projective capacitive touchscreen / Wide temp. 5-wires Resistive touchscreen, EETI controller |                            |                         |                         |
|                                  | Touch points                           | Multi points touch, max. up to 10 points (Pcap) / Single touch (Resistive)                    |                            |                         |                         |
|                                  | Durability                             | >100 000 000 times (PCap) / 35 milion clicks@ 250g (Resistive)                                |                            |                         |                         |
|                                  | Surface hardness                       | Glass, Mohs 6H hardness (PCap) / PET film laminated, flat design (Resistive)                  |                            |                         |                         |
|                                  | Special treatment                      | Anti-fingerprint (PCap)   |                            |                         |                         |
| <b>Structure</b>                 | Structure and surface                  | Magnesium-Aluminum alloy, sand blasting, anodized treatment                                   |                            |                         |                         |
|                                  | Mount method                           | Panel mount (Optional support VESA 75/100)  |                            |                         |                         |
|                                  | Cooling system                         | Large area finned heat sink   |                            |                         |                         |
|                                  | Overall dimension                      | 386.5 * 323.5 * 84.0 (mm)   |                            |                         |                         |
|                                  | Cut-out dimension                      | 376 * 313 (mm)  |                            |                         |                         |
|                                  | Net weight                             | 5.5 KG  |                            |                         |                         |
|                                  | IP protection                          | Front Panel IP65  |                            |                         |                         |
| <b>Power &amp; Environmental</b> | Operating temp.                        | 0 ~ +50°C   |                            |                         |                         |
|                                  | Storage temp.                          | -20 ~ +60°C   |                            |                         |                         |
|                                  | Relative Humidity                      | 10 ~ 95% @ 10C (Non-condensation)   |                            |                         |                         |
|                                  | Vibration                              | 50 ~ 500 Hz, 1.5G, 0.15mm peak to peak  |                            |                         |                         |
|                                  | Shock                                  | 10G/Peak (11 ms)  |                            |                         |                         |

|                   |                |
|-------------------|----------------|
| Power input       | DC 12~24V      |
| Power consumption | Around 40W     |
| EMC               | CE/FCC Class A |

## Dimension (mm)



## Ordering info.

| Part no.                         | Description   |
|----------------------------------|---|
| PPC-170-S0-CT                    | 17.0", 1280 * 1024, <b>Celeron 3855U</b> , Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V     |
| PPC-170-S1-CT                    | 17.0", 1280 * 1024, <b>Core i3-6100U</b> , Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V     |
| PPC-170-S2-CT                    | 17.0", 1280 * 1024, <b>Core i5-6200U</b> , Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V     |
| PPC-170-S3-CT                    | 17.0", 1280 * 1024, <b>Core i7-6500U</b> , Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V     |
| PPC-170-S0-RT                    | 17.0", 1280 * 1024, <b>Celeron 3855U</b> , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V |
| PPC-170-S1-RT                    | 17.0", 1280 * 1024, <b>Core i3-6100U</b> , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V |
| PPC-170-S2-RT                    | 17.0", 1280 * 1024, <b>Core i5-6200U</b> , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V |
| PPC-170-S3-RT                    | 17.0", 1280 * 1024, <b>Core i7-6500U</b> , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V |
| -4G / -8G / -16G                 | Memory: SO-DIMM, DDR4, <b>4GB/8GB/16GB</b> Memory   |
| -64GS / -128GS / -256GS / -512GS | mSATA SSD: <b>64GB/128GB/256GB/512GB</b><br>2.5" SATA SSD: <b>256GB/512GB</b><br>2.5" HDD: <b>1TB/2TB/4TB</b>               |
| TBOX-WIFI                        | Wi-Fi module, with Antenna  |
| TBOX-WiBlu                       | Wi-Fi with BT integrated module, with Antenna   |
| EC25-AU-PCKit                    | All network 4G/LTE module, With Antenna   |
| TA-VESAB1                        | Additional VESA bracket for VESA mounting   |



## Packing List

|   |                            |
|---|----------------------------|
| ■ | 1x Standard Product        |
| ■ | 1x 60W PSU (Power Supply)  |
| ■ | 1x Power cable & Plug      |
| ■ | 8x Panel mount metal clips |