

# TPC-PC150C

15.0" XGA Intel Baytrail Touch Panel PC

Version: 3.0



## Features

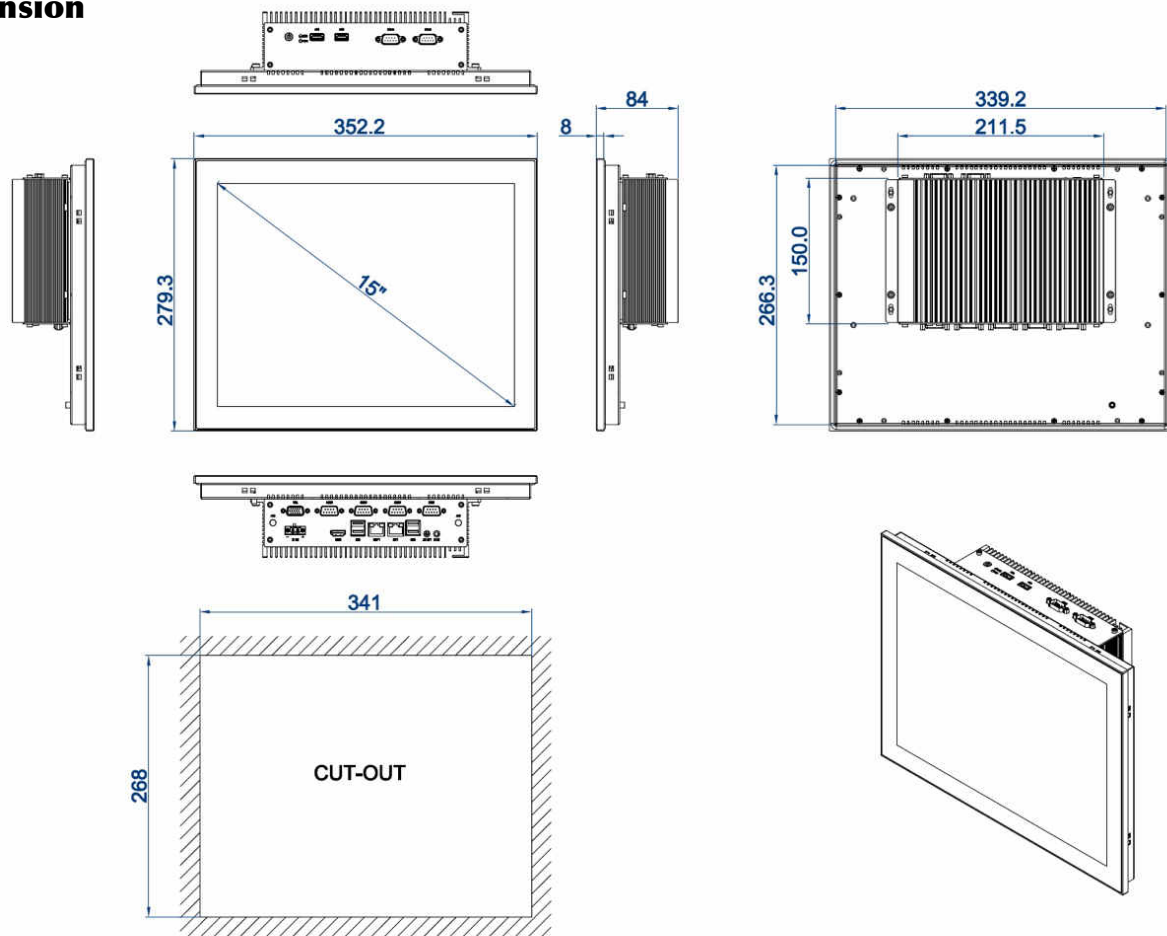
- 15.0" TFT LCD display, LED Backlit, XGA 1024 \*768;
- Intel Baytrail J1900 2.0Ghz Quad-core processor;
- Multi-points (Max. up to 10 points) Projective capacitive touch, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 9~24V, with over-current, over-voltage and polarity protection;
- 2\*GLAN, 5\*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                   | Intel Baytrail J1900, Quad-core 2.0Ghz, burst to 2.42Ghz    |
|                                  | Memory                | SO-DIMM, DDR3, max. up to 8GB                               |
|                                  | Storage               | 1*mSATA (Optional support 1* 2.5"SATA)                      |
|                                  | Graphic               | Intel HD Graphic Gen 7                                      |
|                                  | Network               | 2* Intel I211AT (Optional 3G/4G/Wi-Fi)                      |
|                                  | Audio                 | On-board Realtek ACL 282 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                   | 1x USB3.0, 4x USB2.0  |
|                                  | Display               | 1x HDMI, 1x VGA   |
|                                  | Power                 | 1x 2 pins, phenix terminal                                  |
| <b>LCD Display</b>               | Size/Type             | 15.0" TFT LCD   |
|                                  | Resolution            | 1024 * 768 (XGA)  |
|                                  | Brightness            | 350 nits  |
|                                  | Backlit & MTBF        | LED backlit & 50 000hours                                   |
|                                  | Display area          | 304.128 * 228.096   |
|                                  | View angle            | 80/80/80/80   |
| <b>Touchscreen</b>               | Type                  | Projective capacitive touchscreen                           |
|                                  | Touch points          | Multi points touch, max. up to 10 points                    |
|                                  | Durability            | >100 000 000 times  |
|                                  | Surface hardness      | Mohs 6H   |
|                                  | Special treatment     | Anti-fingerprint (AF)                                       |
| <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     | 352.2 * 279.3 * 84.0 (mm)                                   |
|                                  | Cut-out dimension     | 341 * 268 (mm)  |
|                                  | Net weight            | 4.5 KG  |
|                                  | IP protection         | Front Panel IP65  |
| <b>Power &amp; Environmental</b> | Operating temp.       | -20 ~ +60°C   |
|                                  | Storage temp.         | -30 ~ +80°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 9~24V  |
|                                  | Power consumption     | Around 35W  |
| EMC                              | CE/FCC Class A        |   |

DIMENSIONAL DRAWING:TPC-PC150

## Dimension



DIMENSIONS IN MILLIMETERS

**TAICEM**  
 DATE:2019.06.10  
 REV:A Unit:mm

## Ordering info.

| Part no.                    | Description  |
|-----------------------------|--|
| TPC-PC150C1                 | 15.0", 1024 * 768, Intel Baytrail J1900, Pcap. touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V     |
| TPC-PR150C1                 | 15.0", 1024 * 768, Intel Baytrail J1900, Resistive touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V |
| TDDR3-2/4/8GB1              | Memory: SO-DIMM, DDR3,2GB/4GB/8GB Memory   |
| TMSATA-32/64/128/256/512GB1 | mSATA SSD: 32GB/64GB/128GB/256GB/512GB   |
| T25SAS-256/512GB1           | 2.5" SATA SSD: 256GB/512GB   |
| T25SAH-1T/2T/4TB1           | 2.5" HDD: 1TB/2TB/4TB  |
| TWM-WIFIA1                  | Wi-Fi module, with Antenna   |
| TWM-WIFIBT1                 | Wi-Fi with BT integrated module, with Antenna  |
| TWM-4GA1                    | 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