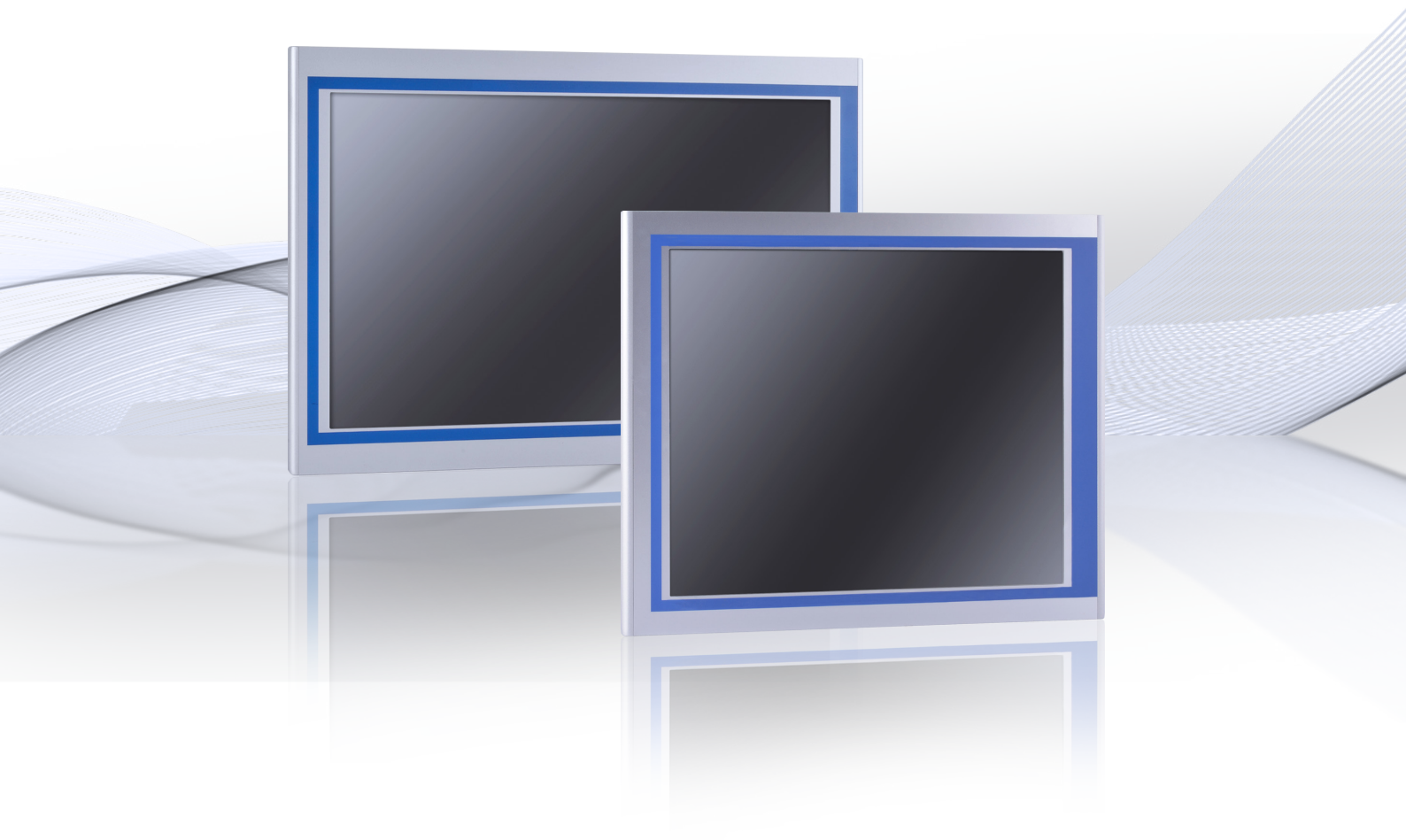


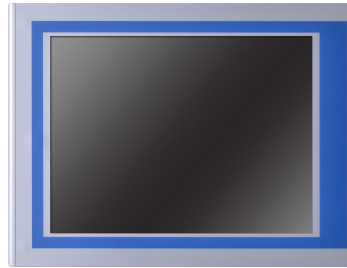


# TPC6000-A103-T

Industrial Panel PC



10.4"SVGA Fanless Industrial Panel PC  
Intel® Core™i5 6200U/3855U  
Intel® Core™i7 5500U/i5 5300U



## TPC6000-AI03-T

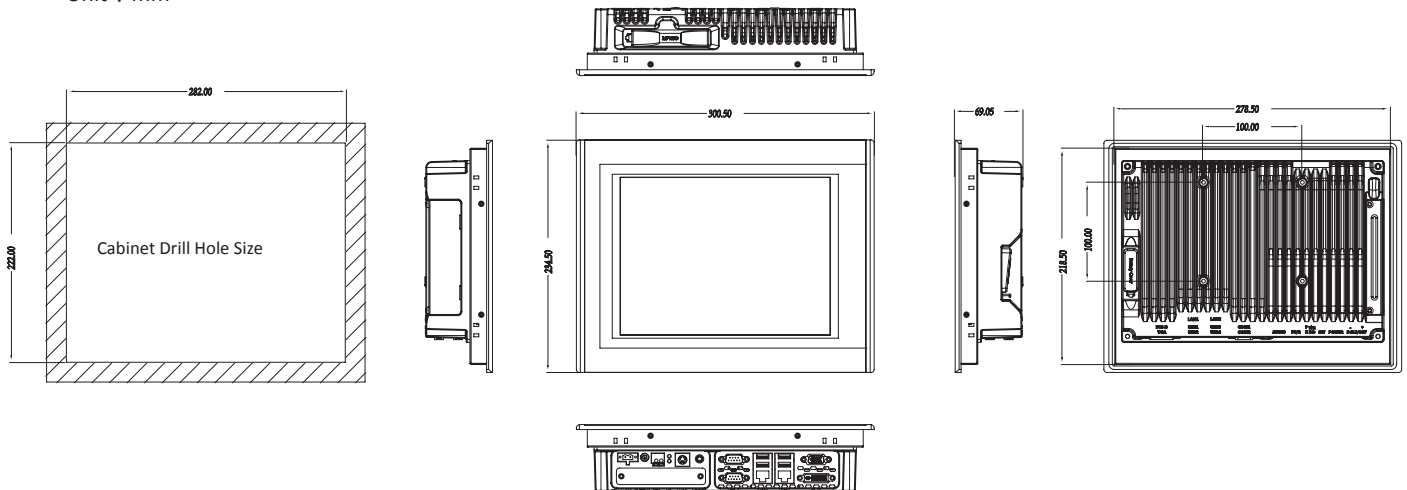


## Specifications:

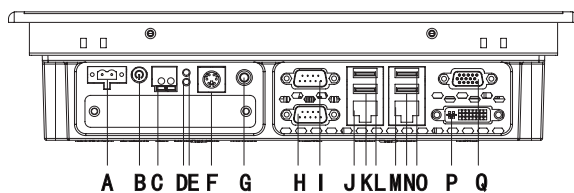
|               |                           |                                                                                                          |
|---------------|---------------------------|----------------------------------------------------------------------------------------------------------|
| Processor     | CPU                       | Intel® Core™i5 6200U/3855U    Intel® Core™ i7 5500U/i5 5300U                                             |
|               | Base Frequency            | Dual Core 2.3GHz / 1.6 GHz / Dual Core 2.4GHz / Dual Core 2.3GHz                                         |
|               | L3 Cache                  | 3MB / 2MB / 4MB / 3M                                                                                     |
|               | Chipset                   | Integrated PCH-LP                                                                                        |
|               | Memory                    | 1 x 204-pin DDR3L-1600MHz SODIMM, support up to 16GB                                                     |
|               | Storage Medium            | 1 x 2.5" SATA bay + 1 x mSATA                                                                            |
| I/O           | LAN                       | 2 x Intel i210 1000Mbps RJ-45 with surge protection, lightning protection design and 15KV ESD protection |
|               | Audio                     | Realtek ACL662 Audio controller                                                                          |
|               | USB                       | 4 x USB3.0/2.0/1.1                                                                                       |
|               | COM                       | 2 x RS-232 / RS-485 with surge protection, RS485 support automatic flow control                          |
|               | Expansion slot            | 1 x Mini-PCIe slot, extensible 3G/WIFI wireless card; 1 x EasyBUS slot                                   |
|               | Rear I/O                  | DVI-I / 2 x GLAN / 4 x USB / 2 x COM / 2 x PS2 / Line-out / Mic-in                                       |
| Physical      | Dimensions (W x H x D)    | 300.5mm x 234.5mm x 69mm (11.83" x 9.23" x 2.72")                                                        |
|               | Drill Hole Size (W x H)   | 282mm x 222mm (11.10" x 8.74")                                                                           |
|               | NW                        | -                                                                                                        |
| OS            | OS                        | Windows 7, Windows 7 Embedded, Windows8, Windows10, Linux, VxWorks, QNX                                  |
| Power         | Input voltage             | 12-24VDC ±10% , support reverse polarity protection, overvoltage protection, overcurrent protection      |
|               | Maximum Power Dissipation | 33.6Watt                                                                                                 |
| LCD           | LCD Size                  | 10.4" SVGA TFT                                                                                           |
|               | Resolution                | 800 x 600                                                                                                |
|               | Colors                    | 16.7MB                                                                                                   |
|               | Active Area (W x H)       | 211.2mm x 158.4mm (8.31" x 6.24")                                                                        |
|               | Backlight                 | LED                                                                                                      |
|               | MTBF                      | 10000hrs                                                                                                 |
|               | Pixel Pitch(H x V)        | 0.264 x 0.264                                                                                            |
|               | Luminance                 | 250cd/m2                                                                                                 |
|               | Contrast Ratio            | 500:1                                                                                                    |
|               | Viewing Angle             | (L) 70 / (R) 70 / (T) 50 / (B) 60                                                                        |
| Touchscreen   | Type                      | Resistive touch screen                                                                                   |
|               | Resolution                | 4096 x 4096                                                                                              |
|               | Transmittance             | > 75%                                                                                                    |
|               | Controller interface      | USB                                                                                                      |
|               | Driver Support            | Windows 7, Windows8, Windows10, Linux                                                                    |
|               | Response Time             | < 5ms                                                                                                    |
|               | Surface Hardness          | Mohs' Number 3H                                                                                          |
|               | Click life                | 250g / 35,000,000 times                                                                                  |
|               | Draw life                 | 250g / 5,000,000 times                                                                                   |
| Environmental | Work Temperature          | -10 ~ 45° C (14°F~140°F)(Wide temperature SSD)<br>0 ~ 45° C (32°F~113°F) (General temperature HDD/SSD)   |
|               | Storage Temperature       | -30 ~ 80 °C(-22 ~ 176°F)                                                                                 |
|               | Relative humidity         | 5~95% (Non condensation)                                                                                 |
|               | Shake                     | SSD applied: 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis                                     |
|               | Shock                     | SSD applied: 10 G, IEC 60068-2-64, Half-sine wave, 11ms duration                                         |
|               | EMC                       | CE/FCC Class A                                                                                           |
|               | Water-proof               | Front panel IP65                                                                                         |

## Dimensions:

Unit : mm



## I/O:



### Interface Definition:

|                   |         |
|-------------------|---------|
| A: DC IN (12/24V) | J: LAN2 |
| B: Power Switch   | K: USB3 |
| C: Remote Switch  | L: USB4 |
| D: Power LED      | M: LAN1 |
| E: HDD LED        | N: USB1 |
| F: PS/2           | O: USB2 |
| G: Audio          | P: DVI  |
| H: COM1           | Q: VGA  |
| I: COM2           |         |

## Ordering Information:

| Product Code           | Description                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TPC6000-A103-T-SL1503  | 10.4"LCD/6th Generation Intel® Celeron™ 3855U 1.6GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Resistive Touch Screen/800*600/DC12V-24V input/Two-year warranty |
| TPC6000-A103-T-SL6200U | 10.4"LCD/6th Generation Intel® Core™ i5-6200U 2.8GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Resistive Touch Screen/800*600/DC12V-24V input/Two-year warranty |
| TPC6000-A103-T-BW5500U | 10.4"LCD/5th Generation Intel® Core™ i7-5500U 3.0GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Resistive Touch Screen/800*600/DC12V-24V input/Two-year warranty |
| TPC6000-A103-T-BW5300U | 10.4"LCD/5th Generation Intel® Core™ i5-5300U 2.9GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Resistive Touch Screen/800*600/DC12V-24V input/Two-year warranty |

## Optional Equipment:

|          |                                        |
|----------|----------------------------------------|
| Option   | Adapter 12V/60W 2 pin Phoenix terminal |
| Option   | Chinese standard Power Line 1.8m       |
| Standard | Touch Pen                              |
| Standard | 4*Hooks                                |
| Standard | Manufacturer Certificate               |
| Standard | Warranty Card                          |
| Standard | Random Listing                         |