



# TPC6000-D174-L

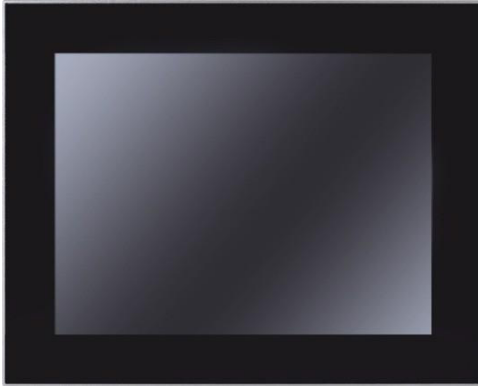
Industrial Panel PC

**17" SXGA high-performance industrial Panel PC**



- ◆ Support Intel® the 6/7/8/9<sup>th</sup> generation Core™i3/i5/i7, Pentium, Celeron CPU
- ◆ LGA1151 socket type CPU. Max.65W TDP

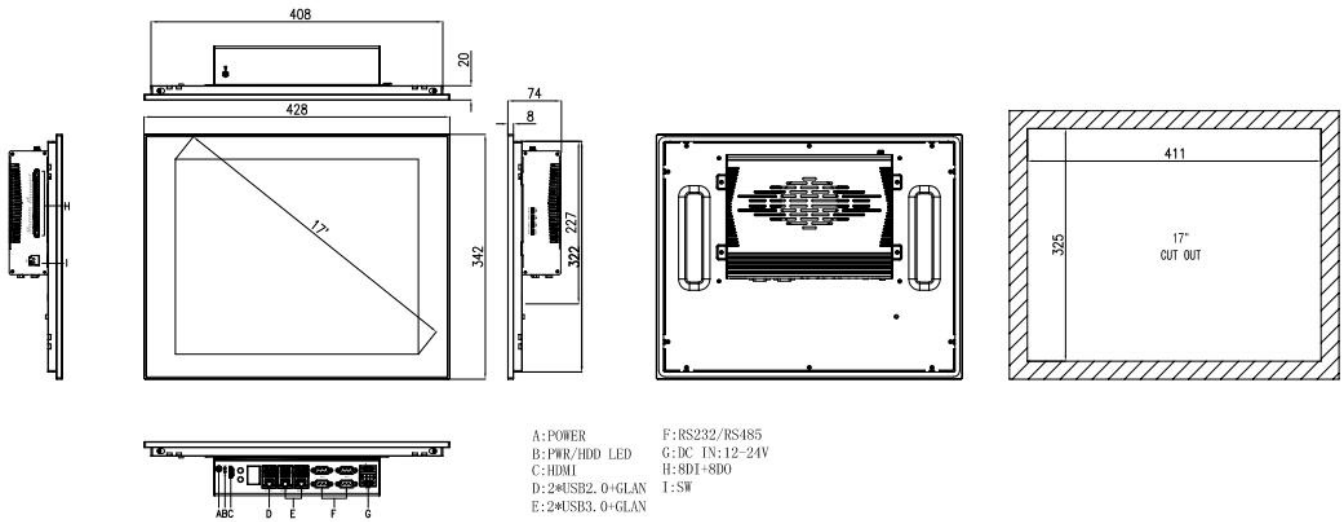




## Specification :

|                           |                              |   |
|---------------------------|------------------------------|---|
| System                    | CPU                          | Intel® Core™ 6/7/8/9 <sup>th</sup> generation i7/i5/i3,Pentium/Celeron LGA1151 type CPU. Max.65W TDP    |
|                           | BIOS                         | AMI UEFI 128Mbit  |
|                           | Chipset                      | H110  |
|                           | Memory                       | DDR4-2400MHz , MAX support 32GB   |
|                           | Storage                      | 1 x M.2 ( M Key 2280 PCIe Gen3x4 Lane ) , 1 x mSATA   |
|                           | OS                           | Support Windows 7, Windows 7 Embedded, Windows8, Windows10, Ubuntu, VXWORKS, QNX                        |
| I/O                       | Network                      | 3 x Intel 10/100/1000Mbps controller  |
|                           | USB                          | 4 x USB3.0 / 2 x USB2.0   |
|                           | Serial port                  | 4 x RS-232 / RS-485 Interface with surge protection, RS485 support automatic flow control               |
|                           | Expansion slot               | 1 x Mini-PCIe slot,   |
|                           | I/O port                     | 8DI+8DO Wet contact input ( 24V ) , OC gate output ( 24V 300mA )  |
|                           | HDMI                         | HDMI 1.2  |
| Physical characteristics  | Dimension                    | 428mm * 342mm * 74mm  |
|                           | Cut out size                 | 411mm * 325mm   |
|                           | Weight                       | 5.7kg   |
| Power                     | Input voltage                | 12-24VDC ±10% , Support reverse connection protection, over voltage protection, over current protection |
|                           | Idle model Power Consumption | 30Watt  |
| LCD                       | LCD Type                     | 17" SXGA TFT  |
|                           | Resolution                   | 1280 x 1024   |
|                           | Colors                       | 16.7MB  |
|                           | Active Area (W x H)          | 338mm x 270mm (13.31" x 10.63")   |
|                           | Backlight                    | LED   |
|                           | MTBF (hour)                  | 50000hrs  |
|                           | Pixel Pitch (H x V)          | 0.264 x 0.264   |
|                           | Luminance                    | 350cd/m2  |
|                           | Contrast Ratio               | 1000 : 1  |
|                           | Viewing Angle                | (L) 85 / (R) 85 / (T) 80 / (B) 80   |
|                           | Touch screen                 | Touchscreen type  |
| Transmittance             |                              | >75%  |
| Response Time (touch pen) |                              | < 5ms   |
| Surface Hardness          |                              | Mohs Hardness 3H  |
| Click Life                |                              | 250g / 100,000,000 times  |
| Environment               | Operating Temperature        | 0 ~ 50°C  |
|                           | Storage Temperature          | -20 ~ 60° C   |
|                           | Relative Humidity            | 5~95%@40°C (Non-condensing)   |
|                           | Vibration                    | Operating Random Vibration Test 5~500Hz, <a href="#">1.5Grms@with</a> SSD, follow IEC 60068-2-64        |
|                           | Shock                        | Operating 10G peak acceleration (11ms duration), follow IEC 60068-2-27                                  |
|                           | EMC                          | CE/FCC Class B  |
| Front Panel Protection    | IP65 compliant               |   |

**Dimension :** Unit : mm (428mm \* 342mm \* 74mm)



## Ordering Information:

| Product model  | Description  |
|----------------|--|
| TPC6000-D174-L | 17"LCD , 1280*1024 , 4 x COM(RS232/485) , 3 x GLAN , 6 x USB , 8DIO , DC12~24V |

## Option Items:

| Option items | Specification  |
|--------------|--|
| CPU          | Support 6 <sup>th</sup> /7 <sup>th</sup> /8 <sup>th</sup> /9 <sup>th</sup> generation Intel® Core™ i7/i5/i3 LGA socket type processors<br>Intel® Core™ i3-6100, Dual Core, 3.7GHz, 3MB Cache<br>Intel® Core™ i3-7100, Dual Core, 3.9GHz, 3MB Cache<br>Intel® Core™ i3-8100, Quad Core, 3.6GHz, 6MB Cache<br>Intel® Core™ i5-6400, Quad Core, 2.7GHz, 6MB Cache<br>Intel® Core™ i5-6500, Quad Core, 3.2GHz, 6MB Cache<br>Intel® Core™ i5-6500T, Quad Core, 2.5GHz, 6MB Cache<br>Intel® Core™ i5-8400, Six Cores, 2.8GHz, 9MB Cache<br>Intel® Core™ i7-6700T, Quad Core, 2.8GHz, 8MB Cache<br>Intel® Core™ i7-8700, Six Cores, 3.2GHz, 12MB Cache<br><b>Please contact sales to check other request.</b> |
| Memory       | DDR4 4G/8G/16G/32G   |
| Storage      | Mini SATA SSD64G/128G/256G/512G  |
| 2010300008   | 120Watt Adapter (Input: 100-240V~50-60Hz 2.0 MAX, Output: +12V—10A)  |
| 2030100012   | Option EU,US,UK...   |
| 5040200002   | 7260 series (mini PCIe)  |
| 4G module    | (Quectel EC20,EC25,EG25..)   |