



TPC6000-A194-T V1.0 Industrial Panel PC



19" SXGA high-performance industrial Panel PC

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

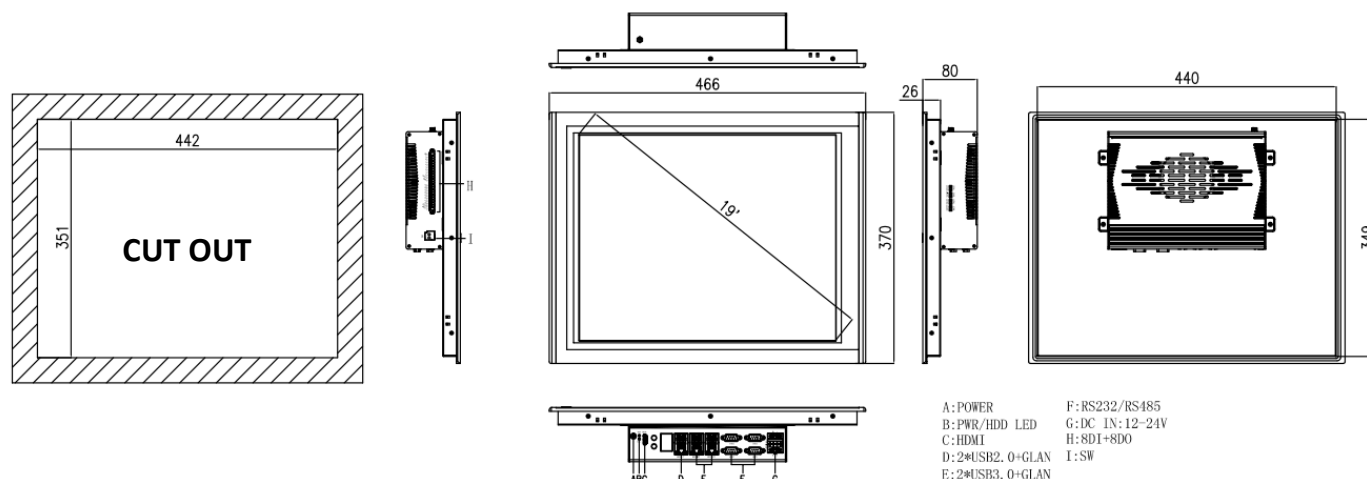




Specification :

| | | |
|--------------------------|-----------------------------|---|
| System parameter | CPU | Intel® Core™ 6/7/8 th generation i7/i5/i3, Pentium and Celeron LGA1151 type CPU. Max.65W TDP |
| | BIOS | AMI UEFI 64Mbit |
| | Chipset | H110 |
| | Memory | DDR4-2400MHz , MAX support 32GB |
| | Storage | 1 x M.2 (M Key 2280 PCIe Gen3x4 Lane), 1 x mSATA |
| I/O | Network | 3 x Intel I211 -AT 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) |
| Physical Characteristics | Dimension | 466mm * 370mm * 80mm |
| | Cut out size | 442mm * 351mm |
| | Weight | 7.5kg |
| System | OS | Windows 7, Windows 7 Embedded, Windows8, Windows10, Ubuntu, VXWORKS, QNX |
| Power | Input voltage | 12-24VDC ±10% , Support reverse connection protection, over voltage protection, over current |
| | Idle Mode Power Consumption | 32Watt |
| LCD | LCD Type | 19" SXGA TFT |
| | Resolution | 1280 x 1024 |
| | Colors | 16.7MB |
| | Active Area (W x H) | 376mm x 301mm (14.82" x 11.85") |
| | Backlight | LED |
| | MTBF (hour) | 30000hrs |
| | Pixel Pitch (H x V) | 0.294 x 0.294 |
| | Luminance | 250cd/m2 |
| | Contrast Ratio | 1000 : 1 |
| | Viewing Angle | (L) 85 / (R) 85 / (T) 80 / (B) 80 |
| Touch Screen | Touchscreen type | Resistive touch screen |
| | Transmittance | ≥ 75% |
| | Response Time (touch) | < 5ms |
| | Surface Hardness | Mohs Hardness 3H |
| | Multi-touch | 10 Points |
| 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, 1.5Grms@with SSD, follow IEC 60068-2-64 |
| | Shock | Operating 10G peak acceleration (11ms duration), follow IEC 60068-2-27 |
| | EMC | CE/FCC Class A |
| | Front Panel Protection | IP65 compliant |

Dimension : 466mm * 370mm * 80mm



Ordering Information:

| Product model | Description |
|----------------|--|
| TPC6000-A194-T | 19"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 th /7 th /8 th generation Intel® Core™ i7/i5/i3 LGA socket type processors Intel® Core™ i3-6100, Dual Core, 3.7GHz, 3MB Cache Intel® Core™ i3-7100, Dual Core, 3.9GHz, 3MB Cache Intel® Core™ i3-8100, Quad Core, 3.6GHz, 6MB Cache Intel® Core™ i5-6400, Quad Core, 2.7GHz, 6MB Cache Intel® Core™ i5-6500, Quad Core, 3.2GHz, 6MB Cache Intel® Core™ i5-6500T, Quad Core, 2.5GHz, 6MB Cache Intel® Core™ i5-8400, Six Cores, 2.8GHz, 9MB Cache Intel® Core™ i7-6700T, Quad Core, 2.8GHz, 8MB Cache Intel® Core™ i7-8700, Six Cores, 3.2GHz, 12MB Cache Please contact sales to check other request. |
| 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..) |