



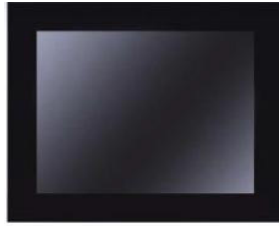
TPC6000-C123-LH

V1.2

Industrial Panel PC

12.1 " SVGA Fanless Industrial Panel PC
Support Intel® Celeron J1900/ J6412/ 4205U
Support Intel® Core™ i3-8145U / i5-7200U



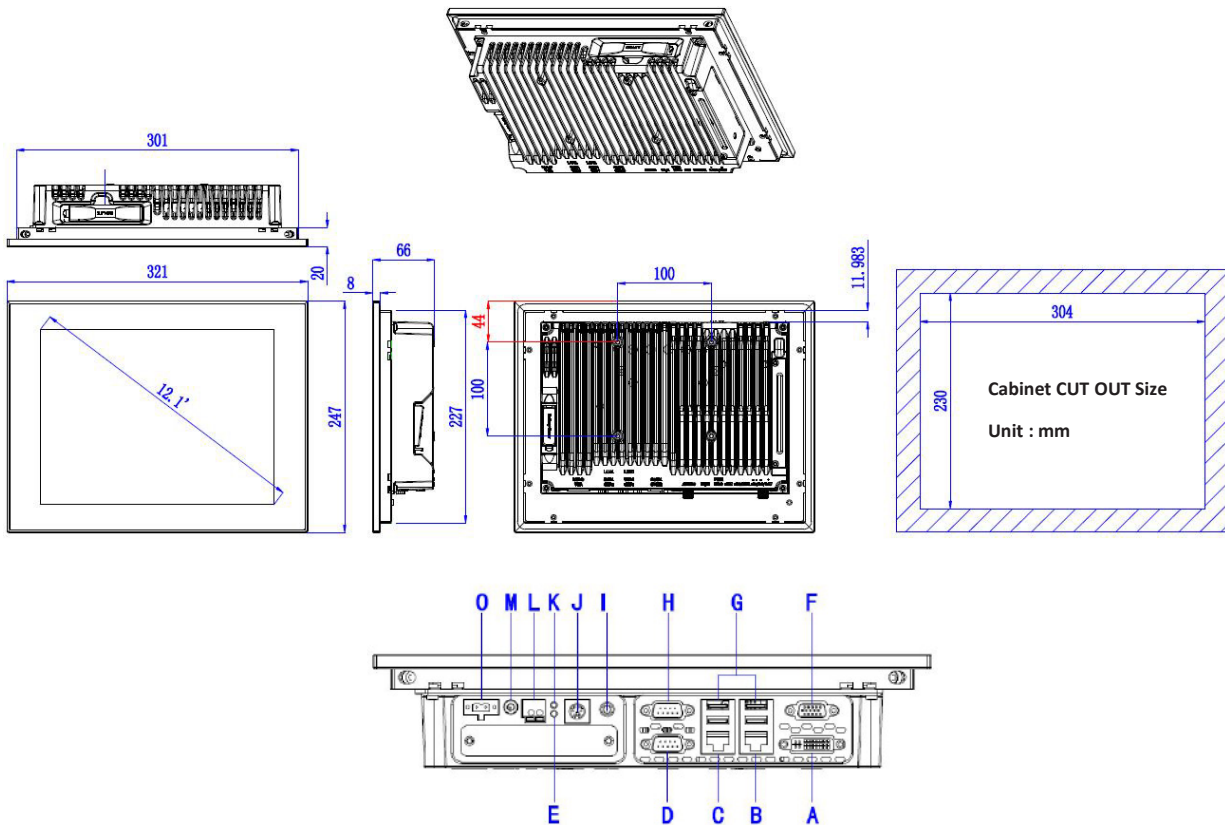


Specifications:

| | | | | | | |
|---------------|---------------------------|---|-------|------------------|-------------------|------------------|
| Processor | CPU | J1900 | J6412 | 4205U | i3-8145U | i5-7200U |
| | Base Frequency | Quad Core 2.0GHz | | Dual Core 1.8GHz | Dual Core 2.1 GHz | Dual Core 2.5GHz |
| | L3 Cache | 2MB | 1.5MB | 2MB | 4MB | 3MB |
| | Chipset | Integrated PCH-LP | | | | |
| | Memory | 1*DDR3L-1600 , max 8GB / 1*DDR4 2400MHz , max 16GB | | | | |
| | Storage Medium | 1 x 2.5" SATA bay + 1 x mSATA | | | | |
| I/O | LAN | 2 x Intel 1000Mbps RJ-45 Ethernet interface | | | | |
| | Audio | Optional | | | | |
| | USB | 4 x USB3.0/2.0/1.1 | | | | |
| | COM | 2 x RS-232 / RS-485 interface | | | | |
| | Expansion slot | 1 x Mini-pcie slot, expandable 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) | 321mm x 247mm x 66mm (12.64" x 9.72" x 2.60") | | | | |
| | Cut Out Size (W x H) | 304mm x 230mm (11.97" x 9.06") | | | | |
| | NW | 3.54kg (7.80 lb) | | | | |
| OS | OS | Windows 7, Windows 7 Embedded, Windows8, Windows10, Ubuntu, VXWORKS, QNX | | | | |
| Power | Input voltage | 12-24VDC ±10% , support reverse polarity protection, overvoltage protection, overcurrent protection | | | | |
| | Maximum Power Dissipation | 37W | | | | |
| LCD | LCD Size | 12.1" XGA TFT | | | | |
| | Resolution | 1024 x 768 | | | | |
| | Colors | 16.7MB | | | | |
| | Active Area (W×H) | 245.76mm × 184.32 mm | | | | |
| | Backlight | LED | | | | |
| | MTBF | 30000hrs | | | | |
| | Pixel Pitch | 0.240 x 0.240 | | | | |
| | Luminance | 350cd/m ² | | | | |
| | Contrast Ratio | 800 : 1 | | | | |
| | Viewing Angle | (L) 80 / (R) 80 / (T) 80 / (B) /80 | | | | |
| Touchscreen | Type | Multi-point capacitive touch screen | | | | |
| | Transmittance | > 87% | | | | |
| | Controller interface | USB | | | | |
| | Driver Support | Windows XP, Windows 7, Windows 8, Windows 10, Linux | | | | |
| | Multi-touch | 10 points (windows system) | | | | |
| | Surface Hardness | Mohs' 7H | | | | |
| Environmental | Work Temperature | -20~-60°C (-4~140°F) | | | | |
| | Storage Temperature | -30~80°C (-22~176°F) | | | | |
| | 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 B | | | | |
| | Front Panel Protection | IP65 compliant | | | | |

Dimensions:

Unit: mm



| | | | |
|----------------|-----------------|-----------|--------|
| A:DVI-D | B:LAN1 | C:LAN2 | D:COM1 |
| E:Power LED | F: VGA | G:USB | H:COM2 |
| I:Line OUT | J: PS2 | K:HDD LED | I:SW |
| M:Power Switch | 0: DC IN 12-24V | | |

Ordering Information:

| Product Code | Description |
|--------------------------|--|
| TPC6000-C123-LH-J1900 | 12.1"LCD/Intel J1900 Quad Core 2GHz CPU/ No Memory / No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB3.0/ 1024*768/DC12V-24V |
| TPC6000-C123-LH-WL4205U | 12.1"LCD/Intel 4205U Dual Core 1.8GHz CPU/No Memory/No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB3.0/ 1024*768/DC12V-24V |
| TPC6000-C123-LH- WL8145U | 12.1"LCD/Intel 8145U Dual Core 2.1 GHz CPU/NoMemory/No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB3.0/ 1024*768/DC12V-24V |
| TPC6000-C123-LH-SL7200U | 12.1"LCD/Intel 7200U Dual Core 2.5GHz CPU/ NoMemory/No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB3.0/ 1024*768/DC12V-24V |
| TPC6000-C123-LH- J6412 | 12.1"LCD/Intel J6412 Quad Core 2.0GHz CPU/ NoMemory/No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB3.0/ 1024*768/DC12V-24V |