

17" IP66/69K Stainless Steel 316 Projected Capacitive / 5-wire Resistive Panel PC with Kabylake-U Intel® Core™ i5-7200U / i3-7100U Processor



Key Features

- Stainless Steel 316, Full IP66/69K Protection
- Completely Flat Front Panel Design
- AGRO SS316 Pressure Balance Element, Preventing Water Condensation
- Supports VESA, Yoke, and Wall Mount

Applications

- Food & Beverage Processing
- Hospitality & Catering Service
- Pharmaceutical Equipment
- Animal Feed Production Facility
- Chemical Critical Environment

→ Ordering Information

| Part No. | Description |
|-----------------|--|
| PPC-Z177P-B63A1 | 17" 4:3 (1280 x 1024), 350 nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Core i5-7200U CPU, Projected Capacitive Touch, 4G RAM, 128G M.2 TLC, 2x USB3.0, 1x M12 for 2x USB2.0, 1x RS-232, 1x RS-232/422/485, 2x GbE, DC 9~36 V, M12 Connector |
| PPC-Z177P-B64A1 | 17" 4:3 (1280 x 1024), 350 nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Core i3-7100U CPU, Projected Capacitive Touch, 4G RAM, 128G M.2 TLC, 2x USB3.0, 1x M12 for 2x USB2.0, 1x RS-232, 1x RS-232/422/485, 2x GbE, DC 9~36 V, M12 Connector |
| PPC-Z177R-B61A2 | 17" 4:3 (1280 x 1024), 350 nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Core i5-7200U CPU, 5-wire Resistive Touch, 4G RAM, 128G M.2 TLC, 2x USB3.0, 1x M12 for 2x USB2.0, 1x RS-232, 1x RS-232/422/485, 2x GbE, DC 9~36 V, M12 Connector |
| PPC-Z177R-B62A2 | 17" 4:3 (1280 x 1024), 350 nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Core i3-7100U CPU, 5-wire Resistive Touch, 4G RAM, 128G M.2 TLC, 2x USB3.0, 1x M12 for 2x USB2.0, 1x RS-232, 1x RS-232/422/485, 2x GbE, DC 9~36 V, M12 Connector |

→ Packing List

| Description |
|--------------|
| 1 x PPC-Z177 |

→ Optional Items

| Part No. | Description |
|---------------|---|
| APW-60M12V-01 | 12V, 60W, 5A, 5-pin M12 Connector (US) |
| APW-60M12V-02 | 12V, 60W, 5A, 5-pin M12 Connector (EU) |
| AKT-USB2M12 | M12 Connector to 2-port USB2.0 Cable, 2m |
| AKT-USB31M12 | M12 Connector to USB3.0 Cable, 1.8m |
| AKT-COM2M12 | M12 Connector to DB9 Cable, 2m |
| AKT-LAN2M12 | M12 Connector to LAN Cable, 2m |
| AWD-WF006 | Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R) + 2 IP66 Antennas (Dual Band), Half Size |
| AWD-WF007 | Wi-Fi 802.11 b/g/n/BT4.0 (1T1R) + 1 IP66 Antenna (Dual Band), Half Size |
| ACS-Z170-SWM | Stainless Steel 316 Wall Mount Kits, Thickness 3 mm |
| ACS-Z170-SYK | Stainless Steel 316 Yoke Mount Kits, Thickness 3 mm |

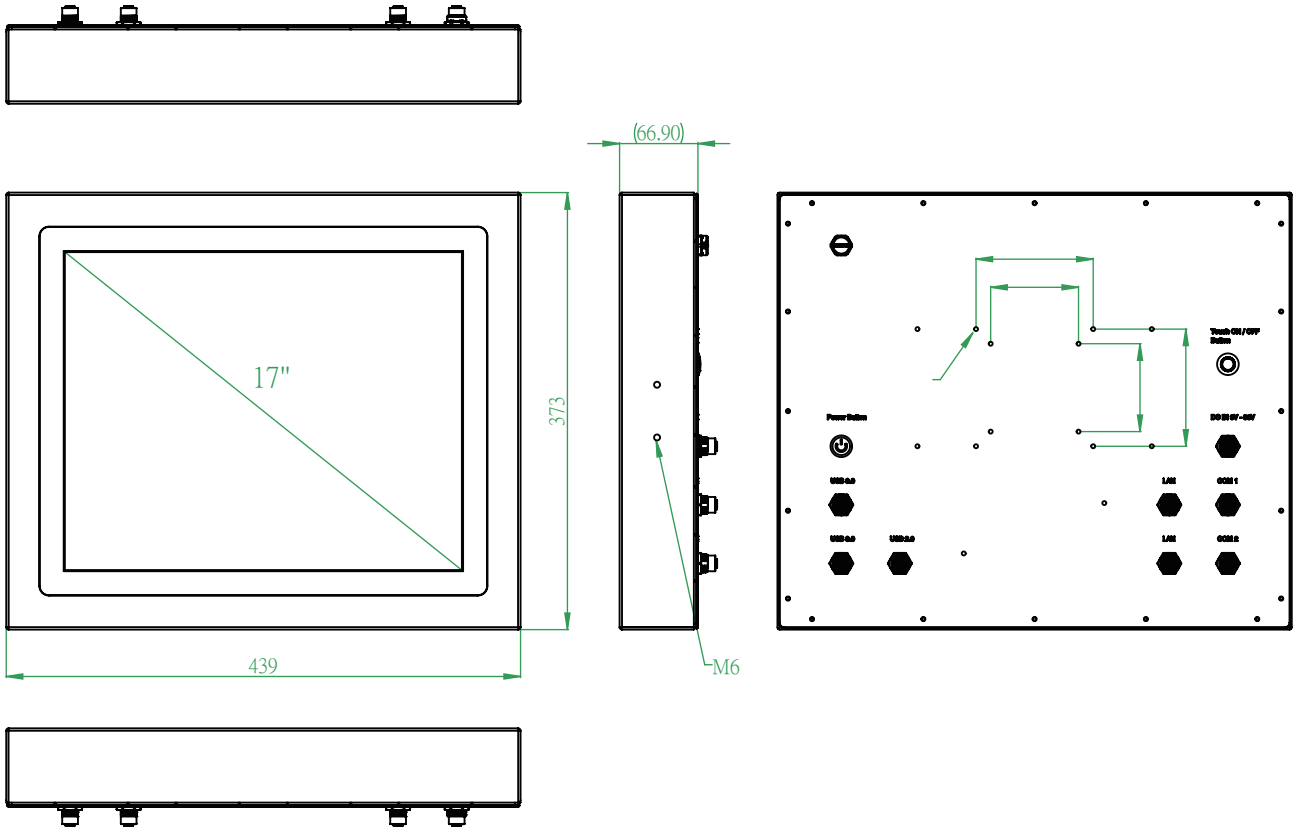
→ Specifications

| | Model | PPC-Z177P-B63A1 | PPC-Z177P-B64A1 | PPC-Z177R-B61A2 | PPC-Z177R-B62A2 |
|------------------|-----------------------------|---|-------------------------|-------------------------|-------------------------|
| Processor System | CPU | Intel® Core® i5-7200U | Intel® Core® i3-7100U | Intel® Core® i5-7200U | Intel® Core® i3-7100U |
| | Frequency | Duad-core up to 3.1 GHz | Duad-core up to 2.4 GHz | Duad-core up to 3.1 GHz | Duad-core up to 2.4 GHz |
| | System Chipset | N/A | | | |
| | Cache | 3 MB | | | |
| | BIOS | UEFI | | | |
| Memory | Technology | Dual Channel DDR4L 2133 MHz | | | |
| | Max. Capacity | 32 GB | | | |
| | Type | 2x 260-pin SO-DIMM | | | |
| Panel | Panel Size | 17" | | | |
| | Panel Type | LCD Panel | | | |
| | Aspect Ratio | 4:3 | | | |
| | Resolution | SXGA, 1280 x 1024 | | | |
| | Viewing Angle | 160 (H) x 140 (V) | | | |
| | Brightness | 350 cd/m2 | | | |
| | Contrast Ratio | 800:1 | | | |
| | Response Time | 30 msec | | | |
| Touchscreen | Touchscreen Type | Projected Capacitive Touch | | 5-wire Resistive Touch | |
| | Surface Hardness | 7 Mohs | | 3 Mohs | |
| | Durability | N/A | | 36 Millions Times | |
| | Transparency | 90% (±3%) | | 80% (±3%) | |
| Display | HDMI | N/A | | | |
| | DP | N/A | | | |
| | VGA | N/A | | | |
| | DVI | N/A | | | |
| I/O Interface | USB | 2x USB 3.0 (M12 Connector), 1x M12 for 2x USB2.0 (M12 Connector) | | | |
| | Serial Port | 1x RS 232 (M12 Connector), 1x RS-232/422/485 (M12 Connector) | | | |
| | Ethernet | 2x GbE (M12 Connector) (LAN1:Intel® i219V, LAN2:Intel® i211AT) | | | |
| | Audio | N/A | | | |
| | GPIO / DIO | N/A | | | |
| | Antenna Hole | N/A (Optional) | | | |
| | Others | N/A | | | |
| Storage | 2.5" HDD / SSD | N/A (Optional) | | | |
| | M.2 | 1x M.2 2280 M Key (PCIe x4, SATA III) | | | |
| | mSATA | N/A | | | |
| | RAID | RAID 0/1 | | | |
| Expansion | Mini PCIe | 1x Full Size (PCIe x1, USB2.0) | | | |
| | M.2 | 1x M.2 2230 E Key | | | |
| | PCI / PCIe | N/A | | | |
| | SIM Holder | 1 | | | |
| Power | Power Mode | AT / ATX | | | |
| | Power Supply Voltage | 9-36V DC Input | | | |
| | Power Connector Type | M12 Connector | | | |
| | Power Consumption (Typical) | 2.38 A @ 12 V (28.56 W) | | | |
| Mounting | Type | VESA (75 x 75, 100 x 100, 200 x 100 mm) / Yoke Mount / Wall Mount | | | |
| Environment | Operating Temperature | -20~60°C (-4~140° F) w/ Extended Operation Temp. RAM & Storage | | | |
| | Storage Temperature | -40~85°C (-40~185° F) | | | |
| | Humidity | 5~95% @ 40° C, Non-condensing | | | |
| | Vibration | 5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis | | | |
| | Shock | 20 G, IEC 60068-2-27, Half Sine, 11 ms Duration | | | |
| General | Certification | CE / FCC Class A | | | |
| | Thermal Dissipation | Fanless | | | |
| | Ingress Protection | Full IP66/69K | | | |
| | Material | Stainless Steel 316 | | | |
| | Dimensions (W x H x D) | 439 x 373 x 66.9 mm (17.28" x 14.69" x 2.63") | | | |
| | Net Weight | 7.77 kg (17.13 lb) | | | |
| | Operating System | Windows 10 (IoT 64 bit/Professional), Linux Kernal 4.0.x or above | | | |

PPC-Z177

→ Dimensions

PPC-Z177P



PPC-Z177R

