

PPC-615W

15.6" Configurable Panel PC Chassis for Selectable Mini-ITX Motherboards

NEW



Features

- 15.6" true-flat panel PC with multi-touch projected capacitive
- Supports certified mini-ITX motherboards (up to 65W TDP processor)
- PCI or PCIe expansion slots
- Front-facing power status LED indicators
- IP66-rated front panel

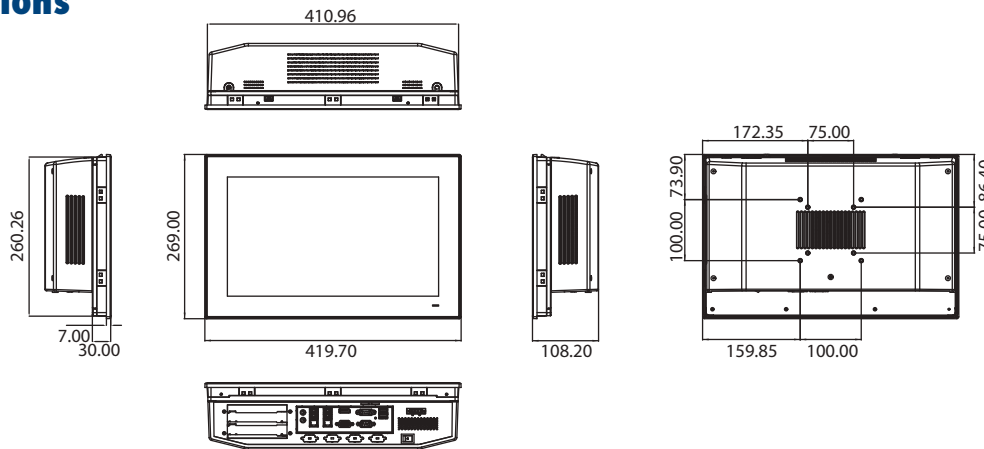


Specifications

| | | |
|---------------------------------|--|--|
| Model | PPC-615W-PTA | |
| Supported Motherboard | PPC-MB series | |
| Chassis | Storage | 1 x 2.5" SATA HDD bay / 2 x 2.5" SATA HDD bay (optional) |
| | I/O | 4 x Reserved ports (DB9) 2 x WLAN antenna holes |
| | | 1 x DC-In 1 x Power switch Reserved opening: According to the PPC-MB series motherboard specifications |
| | | Expansion |
| | Speaker | 2 x 1 W |
| Fan | 2 x 12V; 60 x 60 x 25 mm (2.36 x 2.36 x 0.98 in) | |
| Physical Characteristics | Dimensions (W x H x D) | 419 x 269 x 108.2 mm (16.5" x 10.6" x 4.2") |
| | Weight | 6.1kg (13.45lb) |
| OS Support | OS Support | According to motherboard specifications |
| Power Consumption | Input Voltage | 24V _{DC} ±20%, 12A |
| LCD | Display Type | 15.6" TFT LED panel |
| | Max. Resolution | 1920 x 1080 |
| | Viewing Angle | 85 (left), 85 (right), 85 (up), 85 (down) |
| | Luminance (cd/m ²) | 450 |
| | Contrast Ratio | 1000 |
| | Backlight Lifetime | 50,000 hr |
| Touchscreen | Touch Type | 10-point multi-touch projected capacitive |
| | Light Transmission | ≥ 88% |
| | Controller | USB interface |
| Environment | Operating Temperature | 0 ~ 50 °C (32 ~ 122 °F)(With 35W CPU) 0 ~ 45 °C (32 ~ 113 °F)(With 65W CPU) |
| | | *** please refer to the PPC-MB series CPU list |
| | Storage Temperature | -30 ~ 60 °C (-22 ~ 140 °F) |
| | Relative Humidity | 10 ~ 95% @ 40 °C (non-condensing) |
| | Shock | Operating: 10 G peak acceleration (11 ms duration), IEC 60068-2-27 compliant |
| | Vibration | Operating: Random vibration test 5 ~ 500 Hz, 1 Grms @ with HDD, IEC 60068-2-64 compliant |
| | EMC | CE,FCC,Class A, UKCA, VCCI |
| | Safety | CB,CCC,UL, UKCA |
| Front Panel Protection | IP66 compliant | |

Dimensions

Unit: mm



Panel Cutout Dimensions: 413 x 262 mm (16.25 x 10.31 in)

Ordering Information

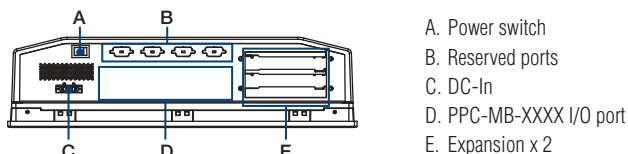
| M/B Part Number | Chassis Part Number | Cooler Part Number |
|---|--|--------------------|
| PPC-MB-8260AE / PPC-MB-610 / PPC-MB-8260B / PPC-MB-610B (assembled in China) | PPC-615W-PTA (assembled in China) | 1960053207N001 |
| PPC-MB-8260AU / PPC-MB-610U/ PPC-MB-8260BU / PPC-MB-610BU (assembled in Taiwan) | PPC-615W-PTAU (assembled in Taiwan) | 1960053207N001 |

Note 1. The motherboard, chassis, and cooler should be ordered together to ensure easy configuration.
Note 2. The chassis is equipped with riser cards.

Optional Accessories

| Part Number | Description |
|-----------------|--|
| PPC-WLAN-C1E | M.2 Wi-Fi Module with Antenna cable support 2T2R |
| 9893BE0200E | Riser card with 2 x PCIe x1 slots |
| 9893BE03000 | Riser card with 1 x PCIe x1 and 1 x PCI slots |
| 9893BE17000 | Riser card with 2 x PCIe x8 slots (only for PPC-MB-6X0) |
| 98R36151C20 | Riser card with 1 x PCIe x16 slots (only for PPC-MB-6X0) |
| PPC-ARM-A03 | ARM VESA Standard (A-CLEVER) for PPC series |
| PPC-174T-WL-MTE | Wall mount kit for PPC series |
| PPC-Stand-A1E | Stand for PPC series |
| 98R36151C10 | the second 2.5" SATA HDD kit (only one riser card slots available) |
| 98R3P612100 | TPM module for PPC-MB-6X0 |

I/O View



Note 1: The max. dimension of expansion cards supported is 178 x 110 x 40 mm.
Note 2: If the two slots are to be used simultaneously, the max. dimension supported is 178 x 110 x 20 mm for each PCI or PCIe expansion card.
Note 3: The max. power consumption of PCIe expansion card supported is 75W.
Note 4: If use dual HDD kits, only one riser card slots available.

Optional Accessories

| Part Number | Description |
|-------------------|---|
| 96PSA-A230W24P4-3 | ADP A/D 100-240V 230W 24V C14 TERMINAL BLOCK 4P |
| 1702002600 | Power cord (USA) UL/CSA, 3-pin, 10A, 125V, 1.83 M, 180 D |
| 1700022940-01 | Power cord PSE, 3-pin, 7A, 125V, 3M, DAC-ST01 |
| 1702002605 | Power Cord (EU), 3-pin, 10A, 250V 1.83M, 90D |
| 96PSD-A480W24-MS* | PSU 100-240V 480W 24V |
| 1700031170-01 | DC-DC power cord, A cable TEM*4/TEM*4 UL2464 18AWG 150cm |
| 1700029720-01 | AC-DC power cord (US), M cable AC CONN 3P 183cm |
| 1700030520-01 | AC-DC power cord (CN), M cable conn 3P CCC 10A 250V 150cm |
| 1700031408-01 | AC-DC power cord (EU), M cable conn 3P/G-TEM*3 80CM |

* please use 480W PSU when GPU card is Added.

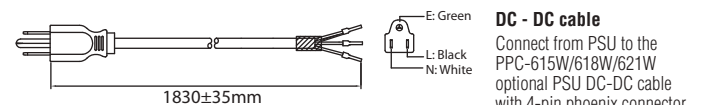
Power Supply Cabling Guide



| TB2 pin-out (connect from PSU DC to MIC) | |
|---|---------------|
| Pin No. | Assignment |
| 1, 2 | DC OUTPUT+V |
| 3, 4 | DC OUTPUT-V |
| 5, 6 | Relay Contact |
| 7, 8 | NC |

| TB1 pin-out (connect from AC to PSU) | |
|---|------------|
| Pin No. | Assignment |
| 1 | FG ⚡ |
| 2 | AC/N |
| 3 | AC/L |

PSU power cord & Pin Definition (connect from AC to DC)



Please note: If some optional modules are offered with the system, additional system certificates may be required in certain regions/countries.
Please contact Advantech for certificate compliance.