

# PPC-Z177

**Arestech**

17" Fanless Multi-touch IP66 Full Waterproof Panel PC  
with Intel® Core™ i5/ Celeron® Processor



## Features

- 17" SXGA LCD Panel with Projected Capacitive Touch
- Intel® Core™ i5-6200U/ Celeron® 3955U Processor
- Supports Two-finger Touch Control while Wearing Gloves
- Completely Flat Front Panel Design
- Stainless Steel Full IP66 Waterproof
- VESA Mounting

## Applications

- Food & Beverage Processing Application
- Hospitality and Catering Service
- Pharmaceutical and Biopharmaceutical Equipment
- Animal Feed Production Facility
- Chemical, Gas & Oil Critical Environment

## → Packing List

| Description   |
|---------------|
| 1 x PPC-Z177  |
| 1 x Driver CD |

## → 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 USB Cable, 2m         |
| AKT-COM2M12   | M12 Connector to DB9 Cable, 2m         |
| AKT-VGA2M12   | M12 Connector to DB15 Cable, 2m        |
| AKT-LAN2M12   | M12 Connector to LAN Cable, 2m         |
| ACS-100-STD   | VESA Table Stand                       |

## → Ordering Information

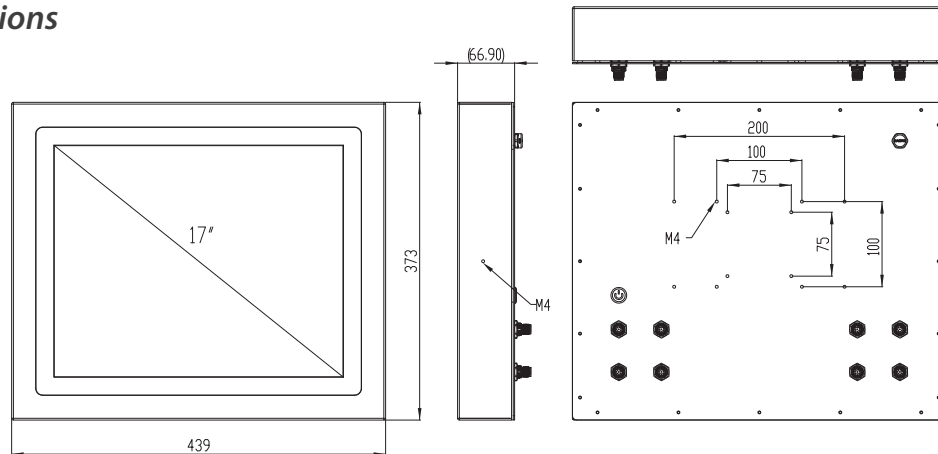
| Part No.      | Description                                                                                                                                         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| PPC-Z177P-1A1 | 17" Fanless Projected Capacitive Touch Panel PC, Full IP66 Protection, Intel® Core™ i5 6200U Processor, 2 GbE LAN, 4 USB 2.0, 2 COM, M12 Connectors |
| PPC-Z177P-2A1 | 17" Fanless Projected Capacitive Touch Panel PC, Full IP66 Protection, Intel® Celeron® 3955U Processor, 2 GbE LAN, 4 USB 2.0, 2 COM, M12 Connectors |

[www.arestech.com.tw](http://www.arestech.com.tw)

# PPC-Z177

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## → Dimensions



## → Specifications

|                  | Model                       | PPC-Z177P-1A1                                                           | PPC-Z177P-2A1           |
|------------------|-----------------------------|-------------------------------------------------------------------------|-------------------------|
| Processor System | CPU                         | Intel® Core™ i5-6200U                                                   | Intel® Celeron® 3955U   |
|                  | Frequency                   | Dual-Core up to 2.8 GHz                                                 | Dual-Core up to 2.0 GHz |
|                  | L2 Cache                    | 3 MB                                                                    | 2 MB                    |
|                  | System Chipset              | N/A                                                                     |                         |
|                  | BIOS                        | UEFI                                                                    |                         |
| Memory           | Technology                  | DDR4 2133 MHz SDRAM                                                     |                         |
|                  | Max. Capacity               | On Board 4 GB                                                           |                         |
|                  | Socket                      | N/A                                                                     |                         |
| Display          | Panel Size                  | 17" LCD Panel                                                           |                         |
|                  | Resolution                  | 1280 x 1024 (SXGA)                                                      |                         |
|                  | Viewing Angle               | 80 x 80 (H) x 60 x 80 (V)                                               |                         |
|                  | Brightness                  | 350 (cd/m2)                                                             |                         |
|                  | Color Support               | 16.7M                                                                   |                         |
|                  | Contrast Ratio              | 800:1                                                                   |                         |
|                  | Response Time               | 30 (msec)                                                               |                         |
|                  | VGA                         | Up to 1920 x 1200                                                       |                         |
|                  | Connector Type              | M12                                                                     |                         |
| Touchscreen      | Dual Display                | LCD + VGA                                                               |                         |
|                  | Touchscreen Type            | Projected Capacitive                                                    |                         |
|                  | Surface Hardness            | 7                                                                       |                         |
|                  | Durability                  | -                                                                       |                         |
| I/O Interface    | Transparency                | 90% (±3%)                                                               |                         |
|                  | USB                         | 4 USB 2.0, M12 Connector                                                |                         |
|                  | Serial Port                 | 2 COM (1 RS-232, 1 RS-232/422/485), M12 Connector                       |                         |
| Ethernet         | Expansion                   | 1 Mini PCIe (Full-size), 2 M.2 Slot                                     |                         |
|                  | Controller                  | Dual GbE, 10/100/1000 Mbps (Intel i211), M12 Connector                  |                         |
| Audio            | Chipset                     | Realtek ALC269 High Definition Audio (HD)                               |                         |
|                  | Connector                   | N/A                                                                     |                         |
| Storage          | SATA II                     | 1 Internal 2.5" HDD/SSD                                                 |                         |
|                  | Power Supply Voltage        | 12-28 V DC input                                                        |                         |
| Power            | Connector Type              | M12                                                                     |                         |
|                  | Power Consumption (Typical) | 2.38 A @ 12 V (28.56 W)                                                 |                         |
|                  | Power Consumption (Max.)    | 3.63 A @ 12 V (43.64 W)                                                 |                         |
|                  | Battery                     | Lithium 3 V / 210 mAh                                                   |                         |
| Environment      | Operating Temperature       | -20~60° C (-4~140° F) w/ 2.5" Extended Temperature SSD                  |                         |
|                  | Storage Temperature         | -40~85° C (-40~185° F)                                                  |                         |
|                  | Humidity                    | 5~95% @ 40° C, non-condensing                                           |                         |
|                  | Vibration                   | 5-500 Hz, 0.026 G <sup>2</sup> /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis |                         |
| General          | Certification               | CE, FCC Class A                                                         |                         |
|                  | Front Panel Waterproof      | Full IP66, stainless steel                                              |                         |
|                  | Dimensions (L x W x H)      | 439 x 373 x 66.9 mm (17.28" x 14.69" x 2.63")                           |                         |
|                  | Weight                      | 7.77 kg (17.13 lb)                                                      |                         |
|                  | Operating System            | Windows 7/8.1/10, WE57-E/P, WE85, Ubuntu 14.04                          |                         |

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## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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