Chipsee

Industrial Displays

# PIM-270-C

PN: CS-D270

**Revision 1.1**

**www.chipsee.com**

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# PIM-270-C

## Front View

# Rear View

# Side View

> **Note**
>
> **EOL PRODUCT:** This product has been discontinued, due to market demand and shifts in technology. Please **Contact us** if you would like to purchase it.

# Product Overview

PIM-270-C (PN: CS-D270) is a 27” industrial display that features a 10-point capacitive touch screen with a resolution of 1920 x 1080 (16:9) pixels and brightness of 300 cd/m$^2$. The 3mm tempered glass cover with black silk-screen ensures the screen is water and steam resistant.

The typical power consumption is ≤ 32W, while in standby mode, PIM-270-C uses around ≤ 2W, making it ideal for all kinds of applications.

# Ordering Options

Most of the Chipsee products can be customized during the ordering process. The product will be shipped with the pre-installed factory defaults if no extra requirements are specified. The table in the Specification section provides information about the product.

> **Note**
>
> You can order PIM-270-C from the official Chipsee Store or from your nearest distributor.

# Specification

| PIM-270-C | | | |
|---|---|---|---|
| **Backlight** | Led | **Type of Pen** | Fingers, Hands with Gloves, Conductive Stylus |
| **Brightness** | 300 cd/$m^2$ | **Waterproof** | Touch surfaces will not be affected by water droplets or steam |
| **Contrast Ratio** | 3000:1 | **Calibration** | No Calibration Tool |
| **Viewing Angle** | Horizontal: 178° / Vertical: 178° | **Response Time** | 7ms to 12ms |
| **Response Time** | 12ms (GTG) | **Connect** | 1 x USB 2.0 (Type-B) |
| **Display Color** | 16.7M Colors | **Multi Touch Protocol Support** | Windows |
| **Display Resolution** | 1920 x 1080 (16:9) | **Operating System** | Windows 7/8, Android, Linux |
| **Refresh Frequency** | 60Hz | **Dimensions** | 662.3 x 401 x 42.5mm |
| **Input Resolution** | 1920 x 1080 (16:9) @ 60Hz | **Packaging Size** | 760 x 500 x 150mm |
| **Connector** | VGA / DVI / HDMI | **Weight** | 8000g / 10000g |
| **Built-in Speaker** | N/A | **Mounting Methods** | VESA, MIS-E, C |
| **OSD Control** | Button | **Power Input** | 12V 3A DC |
| **OSD Language** | English, Chinese | **Power Supply** | ≤ 32W |
| **Glass** | 3mm Tempered Glass with Black Silk-screen | **Standby Power** | ≤ 2W |
| **Touch Point** | 10 | **Work Environment (temp.)** | From 0°C to +40°C, 90% RH |
| **Touch Technology** | Projecting Capacitance (G+G) | **Storage Environment** | From -20°C to +60°C, 90% RH |
| **Accessories** | Bracket / Power Line / VGA Line / USB Line / Power Adapter | | |

Table 387 Key Features

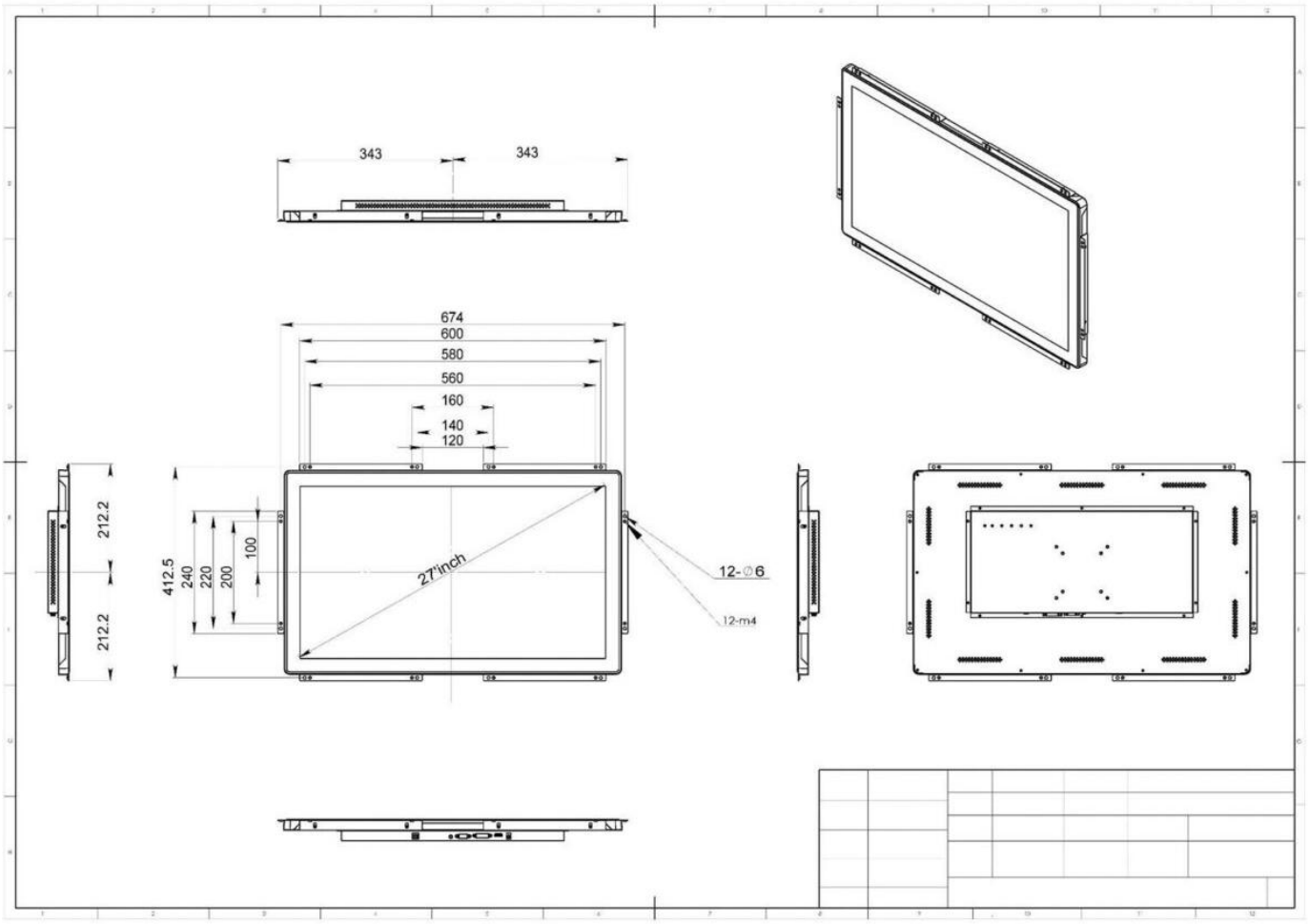
# Mounting Procedure

The PIM-270-C industrial display supports VESA 100 x 100 mounting pattern with 4 x M4 screws, enabling simplified installation onto any standard VESA mounting rack. Other mounting options might also be supported according to the table in the Specification section.

You can find detailed information about mounting in the Mount IPC Guide.

# Mechanical Specifications

The outer mechanical dimensions of The PIM-270-C industrial display are 662.3 x 401 x 42.5mm (W x L x H). Please refer to the technical drawing in the figure below for details related to the specific product measurements.



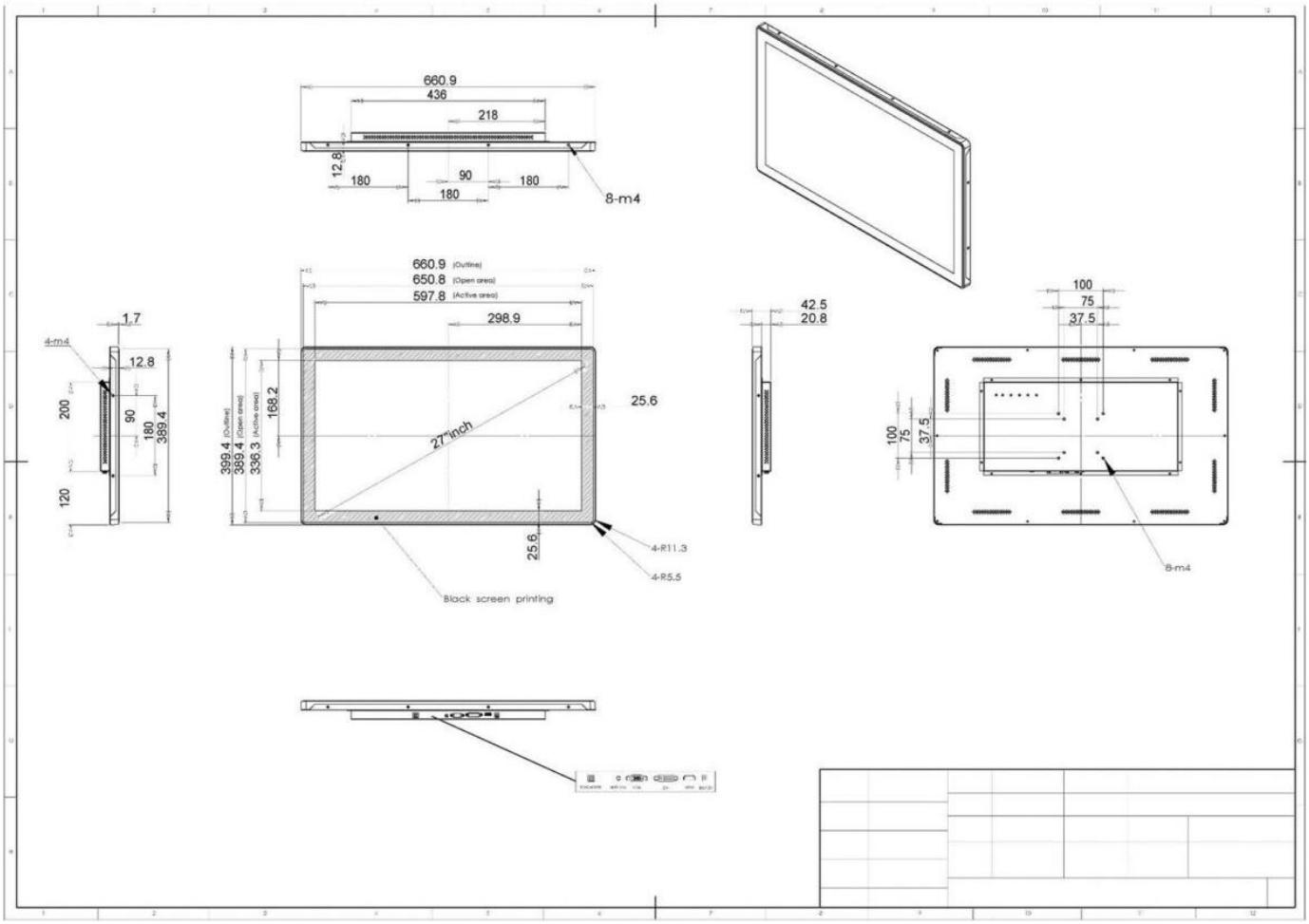



Figure 1060: Technical Drawing

# Disclaimer

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