

# PIM-270-C

PN: CS-D270

## Industrial Monitors

Revision 1.1

2021, Chipsee

Content can change at anytime; it's best to refer to [website](#) for latest information.

**Disclaimer:** Chipsee assumes no responsibility for any errors that may occur in this manual. Furthermore, Chipsee reserves the right to alter hardware, software, and/or specifications set forth herein at any time without prior notice, and undertakes no obligation to update the information contained in this document. Chipsee products are not authorized for use as critical components in life support devices or systems.



# Contents

---

1. PIM-270-C	3
1.1. Product Overview	4
1.2. Ordering Options	4
1.3. Specification	5
1.4. Mounting Procedure	6
1.5. Mechanical Specifications	7
1.6. Technical Support	9

# PIM-270-C



Front View



Back View

**Bottom 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<sup>2</sup>. The 3mm tempered glass cover with black silk-screen ensures the screen is water and steam resistant.

The typical power consumption is  $\leq 32W$ , while in standby mode, PIM-270-C uses around  $\leq 2W$ , 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	
<b>Backlight</b>	Led
<b>Brightness</b>	300 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	3000:1
<b>Viewing Angle</b>	Horizontal: 178° / Vertical: 178°
<b>Response Time</b>	12ms (GTG)
<b>Display Color</b>	16.7M Colors
<b>Display Resolution</b>	1920 x 1080 (16:9)
<b>Refresh Frequency</b>	60Hz
<b>Input Resolution</b>	1920 x 1080 (16:9) @ 60Hz
<b>Connector</b>	VGA / DVI / HDMI
<b>Built-in Speaker</b>	N/A
<u>OSD Features</u>	
<b>OSD Control</b>	Button
<b>OSD Language</b>	English, Chinese
<u>Touch Features</u>	
<b>Glass</b>	3mm Tempered Glass with Black Silk-screen
<b>Touch Point</b>	10
<b>Touch Technology</b>	Projecting Capacitance (G+G)
<b>Type of Pen</b>	Fingers, Hands with Gloves, Conductive Stylus
<b>Waterproof</b>	Touch surfaces will not be affected by water droplets or steam
<b>Calibration</b>	No Calibration Tool
<b>Response Time</b>	7ms to 12ms

PIM-270-C	
<b>Connect</b>	1 x USB 2.0 (Type-B)
<b>Multi Touch Protocol Support</b>	Windows
<b>Operating System</b>	Windows 7/8, Android, Linux
<u>Mechanical Features</u>	
<b>Dimensions</b>	662.3 x 401 x 42.5mm
<b>Packaging Size</b>	760 x 500 x 150mm
<b>Weight</b>	8000g / 10000g
<b>Mounting Methods</b>	VESA, MIS-E, C
<u>Electrical Features</u>	
<b>Power Input</b>	9V - 30V
<b>Power Supply</b>	≤ 32W
<b>Standby Power</b>	≤ 2W
<u>Environmental Features</u>	
<b>Work Environment (temp.)</b>	From 0°C to +40°C, 90% RH
<b>Storage Environment (temp.)</b>	From -20°C to +60°C, 90% RH
<u>Other Features</u>	
<b>Accessories</b>	Bracket /Power Line /VGA Line/USB Line/Power Adapter

Table 247 Key Features

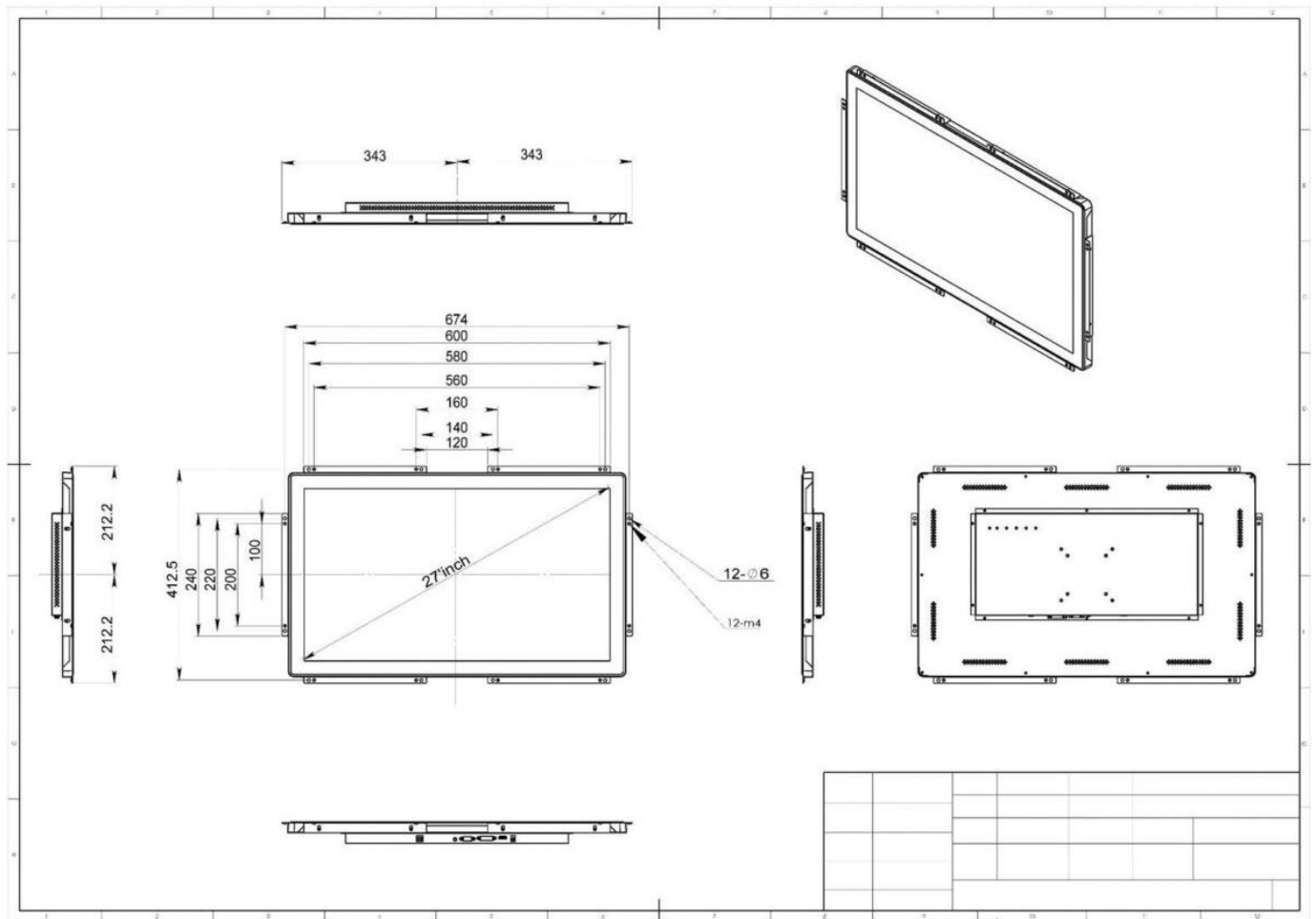
## Mounting Procedure

The PIM-270-C Industrial PC 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 PC 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.



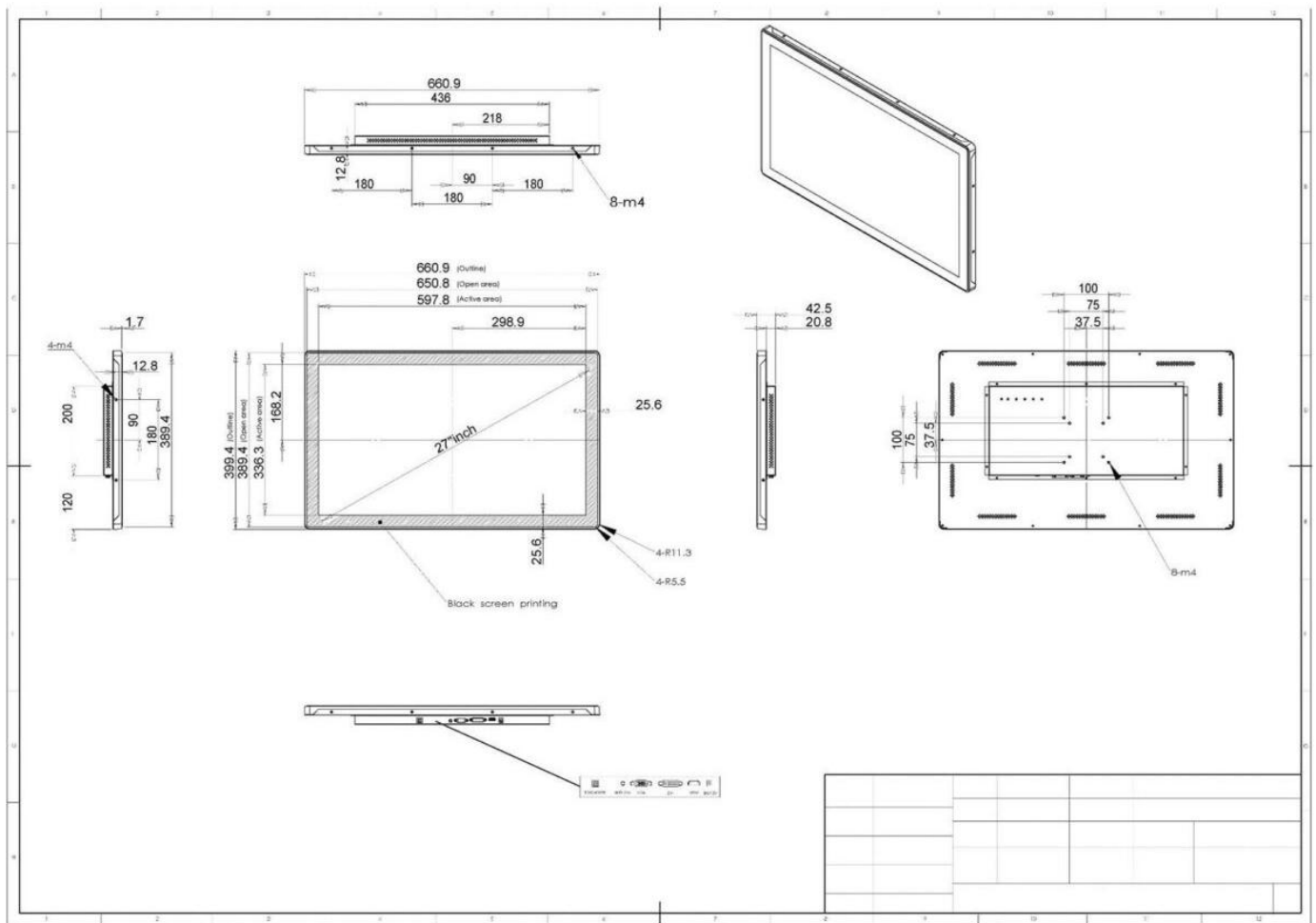


Figure 1073: Technical Drawing



## Technical Support

Please feel free to contact us with any questions, queries or suggestions.

If your question is related to technical support or troubleshooting for one of our products, we kindly ask you to check our documentation for a possible solution first.

If you still cannot find the solution you are looking for, please write to Chipsee Technical Support at [service@chipsee.com](mailto:service@chipsee.com), providing all relevant information.

The logo for Chipsee, featuring the word "Chipsee" in a bold, blue, italicized sans-serif font, followed by a registered trademark symbol (®).

© Chipsee all right reserved.