

**Industrial Displays** 

# **PIM-270-C**



PN: CS-D270

## Contents

1. PIM-270-C	3
1.1. Product Overview	5
1.2. Ordering Options	5
1.3. Specification	6
1.4. Mounting Procedure	7
1.5. Mechanical Specifications	7
1.6. Disclaimer	10
1.7. Technical Support	10

# PIM-270-C



Front View



**Rear View** 



Side View

PIM-270-C Product Overview



**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  $\leq$  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.



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

PIM-270-C Specification

### Specification

PIM-270-C			
Backlight	Led	Type of Pen	Fingers, Hands with Gloves, Conductive Stylus
Brightness	300 cd/m <sup>2</sup>	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	9V - 30V
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 278 Key Features

PIM-270-C Mounting Procedure

### 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  $662.3 \times 401 \times 42.5$ mm (W x L x H). Please refer to the technical drawing in the figure below for details related to the specific product measurements.





Figure 1000: Technical Drawing

PIM-270-C Disclaimer

#### Disclaimer

This document is provided strictly for informational purposes. Its contents are subject to change without notice. Chipsee assumes no responsibility for any errors that may occur in this document. Furthermore, Chipsee reserves the right to alter the 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.

While every effort has been made to ensure the accuracy of the information contained herein, this document is not guaranteed to be error-free. Further, it does not offer any warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document.

Despite our best efforts to maintain the accuracy of the information in this document, we assume no responsibility for errors or omissions, nor for damages resulting from the use of the information herein. Please note that Chipsee products are not authorized for use as critical components in life support devices or systems.

#### **Technical Support**

If you encounter any difficulties or have questions related to this document, we encourage you to refer to our other documentation for potential solutions. If you cannot find the solution you're looking for, feel free to contact us. Please email Chipsee Technical Support at **support@chipsee.com**, providing all relevant information. We value your queries and suggestions and are committed to providing you with the assistance you require.