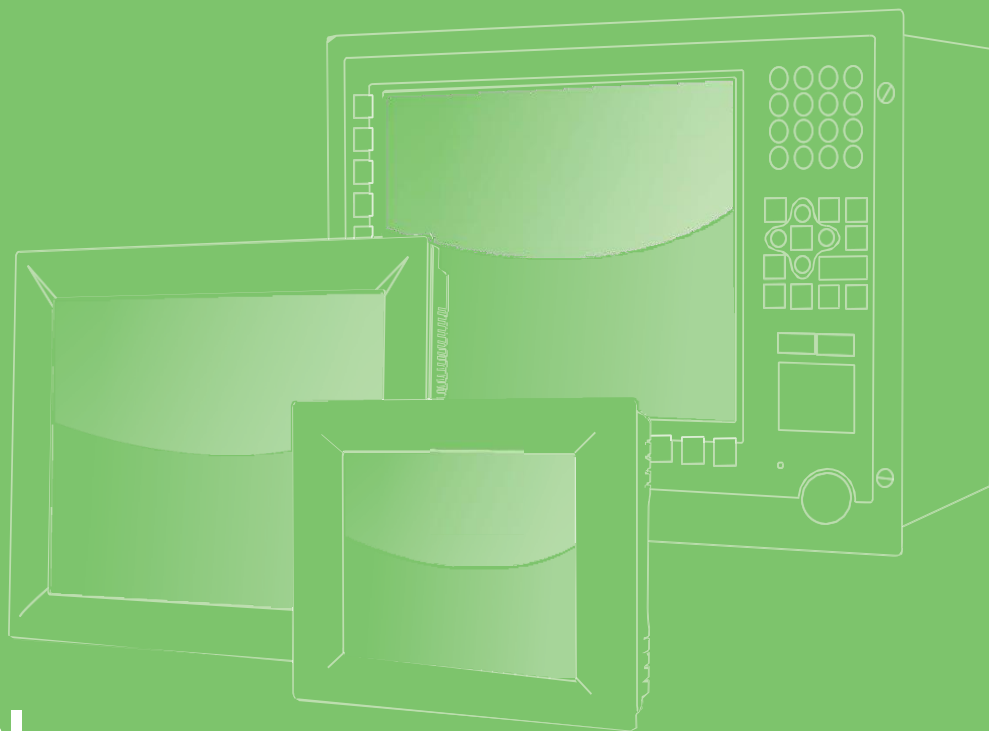


Startup Manual



FPM-D Series

FPM-D12T-CE, FPM-D12T-HE FPM-D15T-CE,
FPM-D15T-HE, FPM-D15W-FCE, FPM-D15W-
FHE, FPM-D17T-CE, FPM-D18W-FCE, FPM-
D19T-CE, FPM-D21W-CE, FPM-D21W-HE, FPM-
D24W-CE

Enabling an Intelligent Planet

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Chapter

1

Install FPM and TPC products

1.1 Confirm your TPC and FPM Products

FPM products are equipped with positioning pillars for the convenience of user installation, allowing customers to confirm the correct installation position before securing with a screwdriver. However, due to differences between the TPC-B600 series and other series such as TPC-B200, TPC-B300, TPC-B500, etc., customers may need to manually adjust. Therefore, ensuring that you have purchased the correct TPC product becomes particularly important.

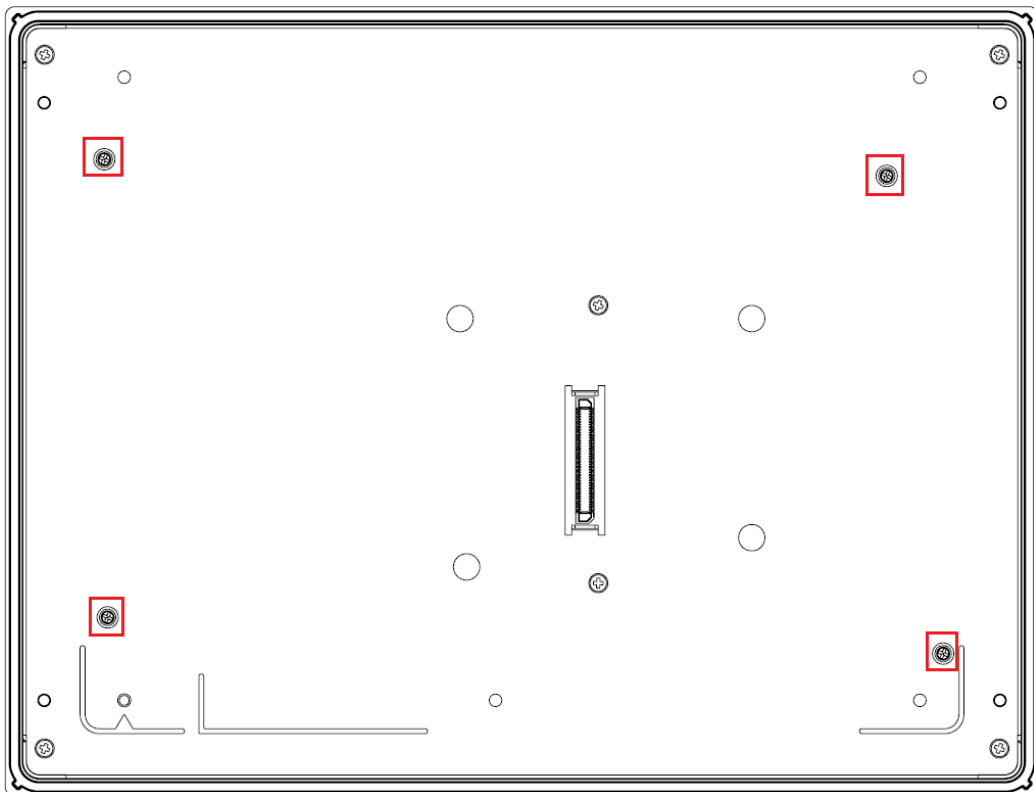
Warning! *FPM-D12T product cannot be installed together with the TPC-B600 series product.*

Warning! *Avoid exposing FPM-DXX products to direct sunlight for long periods of time. Direct sunlight falling onto a LCD screen can cause it to become very hot and physically damage the LCD as the components are not designed to tolerate high heat, shortening the life of the LCD.*

1.2 FPM 12" Products and TPC Installation

1.2.1 FPM 12" Positioning Pillars

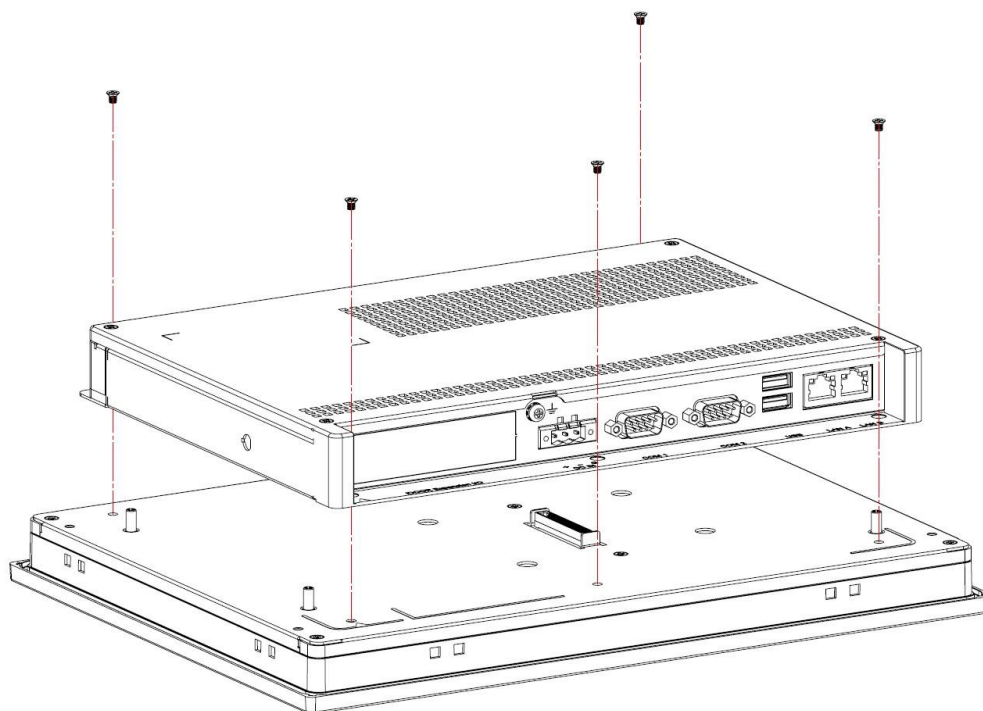
The four red boxes in the diagram highlight the four positioning pillars.



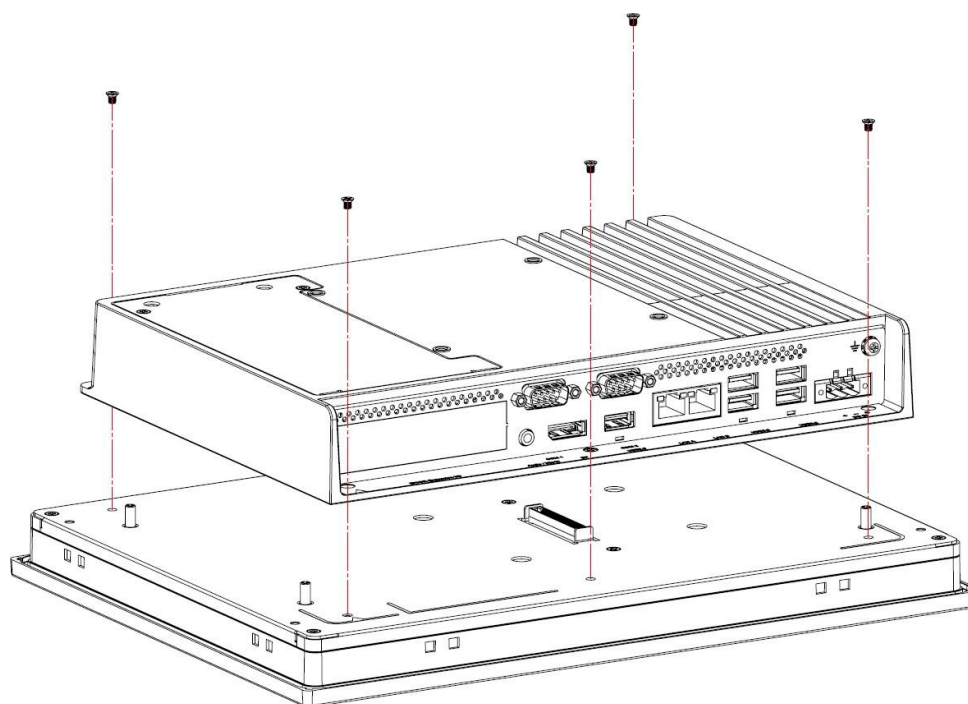
Picture 1.1 FPM-D12T Back view and Positioning Pillars

1.2.2 Secure TPC and FPM 12"

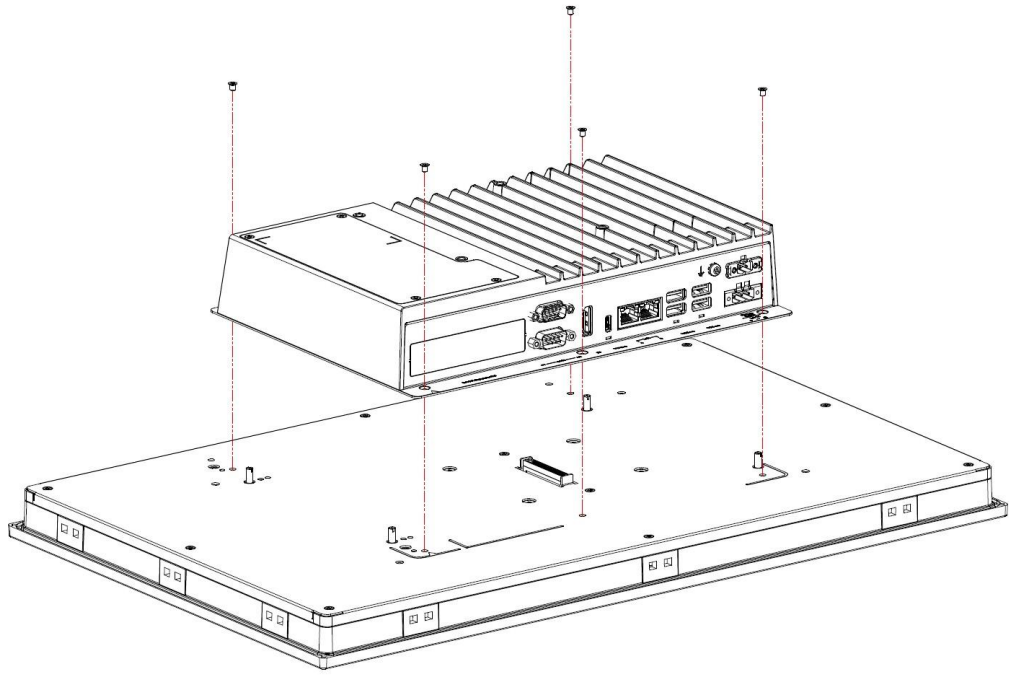
Use the screws provided in the accessory box to securely attach your FPM and TPC products. In Picture 1.2 ,1.3 and 1.4, the red guide lines indicate the positions of the five screws used for fastening FPM and TPC



Picture 1.2 TPC-B300 Installation



Picture 1.3 TPC-B510 Installation

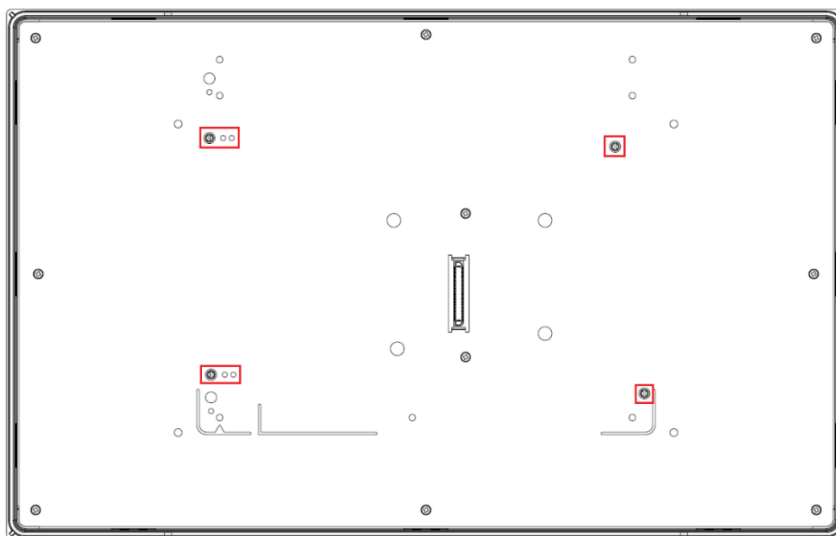


Picture 1.4 TPC-B520 Installation

1.3 FPM 15" & Above Products and TPC Installation

1.3.1 FPM 15" & Above Positioning Pillars

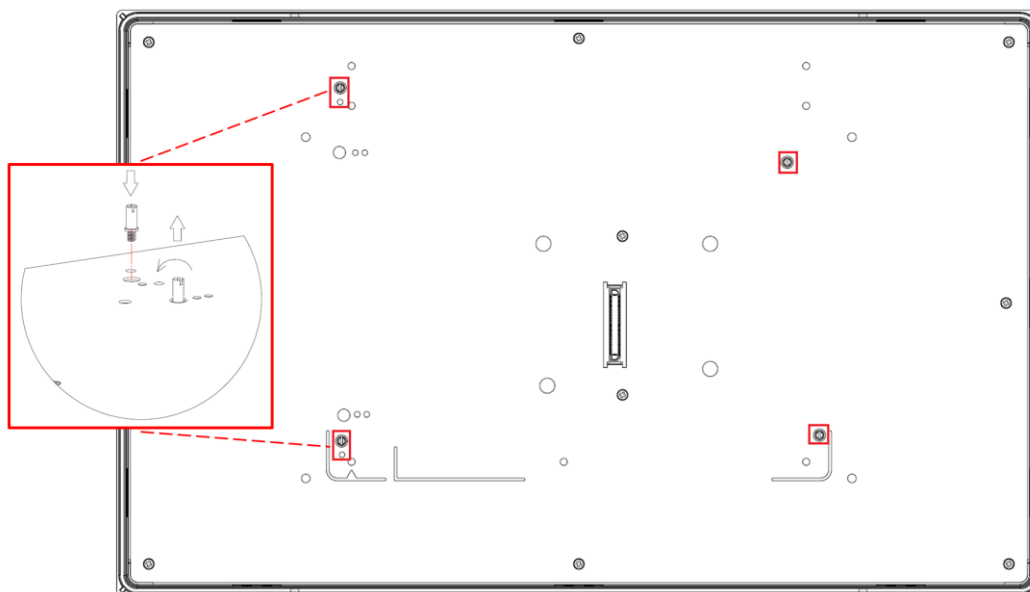
If the FPM you purchased is larger than 15" and is paired with TPC products from the TPC-B200/B300/B500 series, the default positioning pillars of FPM do not need to be changed. However, if you are switching from the TPC-B600 series to another series, you need to confirm whether the positioning pillar positions match those marked in red boxes as shown in Picture 1.4.



Picture 1.4 FPM-D15X & Above Back view and Positioning Pillars for TPC-B200/B300/B500

For the TPC-B600 series, it is necessary to change the positions of the positioning pillars,

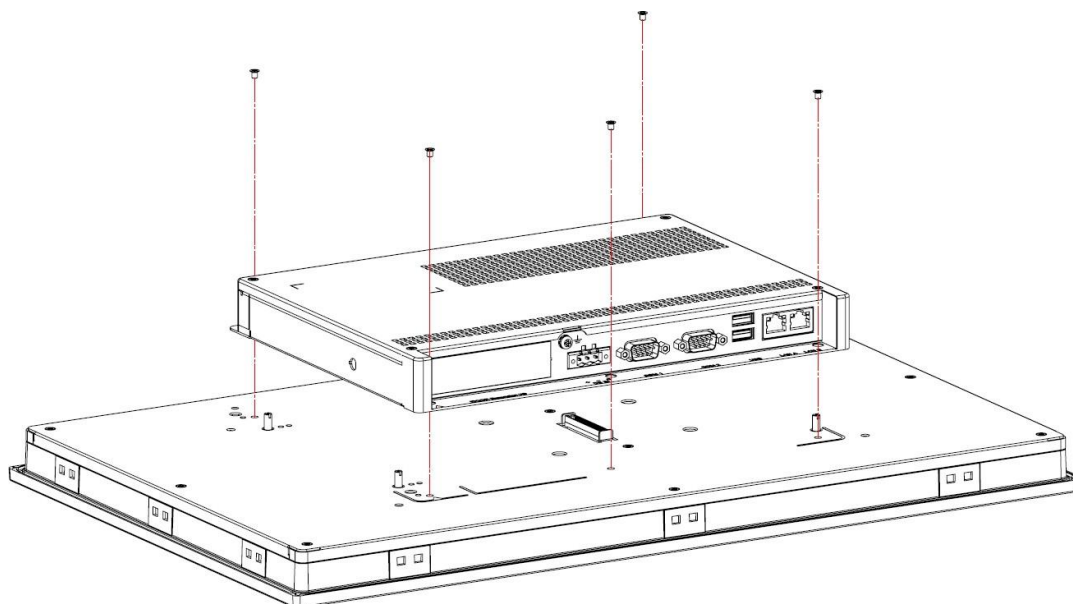
as shown in Picture 1.5. Use a Phillips screwdriver to unscrew the positioning pillars counterclockwise, and then reposition them in the correct locations. Please refer to Picture 1.5, where the positioning pillars have already been moved to the correct positions.



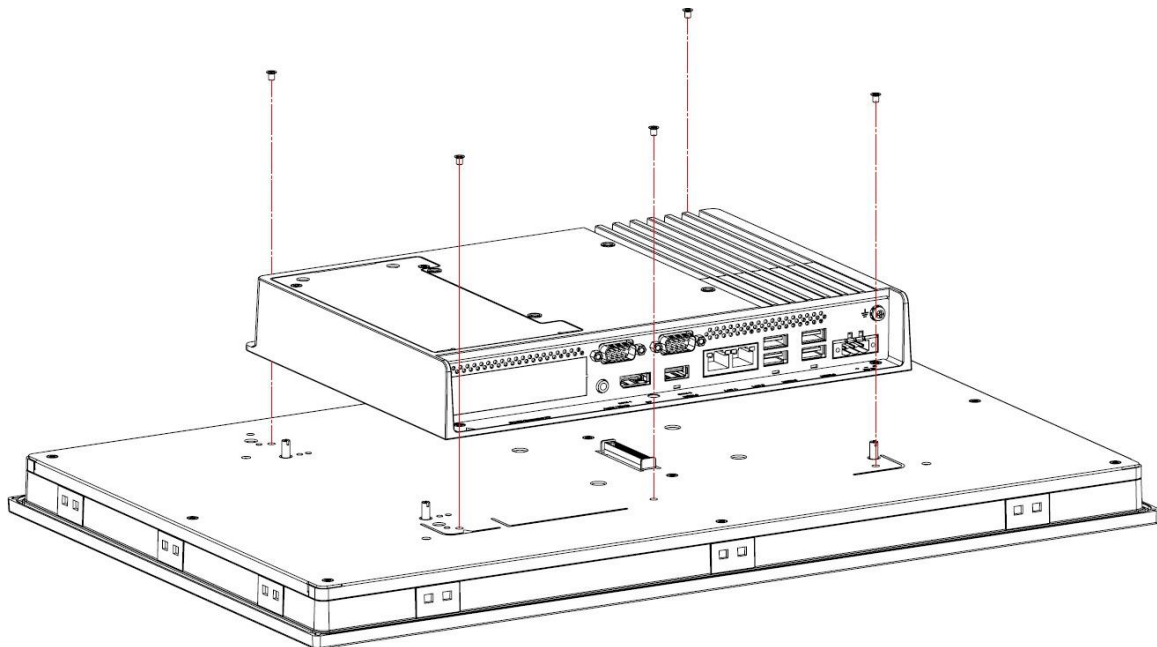
Picture 1.5 FPM-D15X & Above Back view and Positioning Pillars for TPC-B600

1.3.2 Secure TPC and FPM 15" & Above

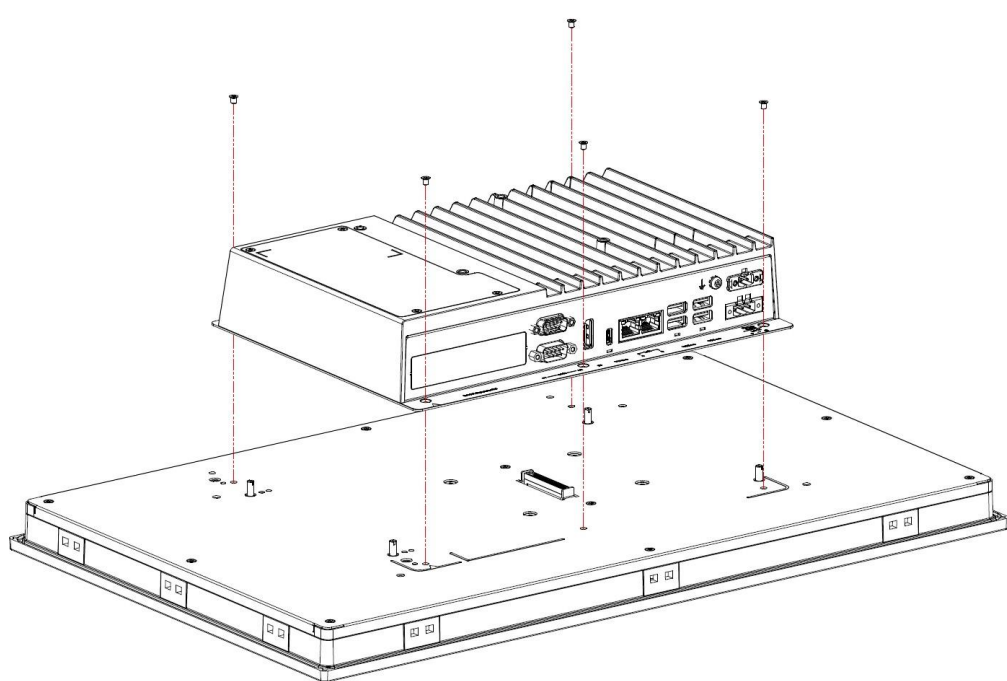
Use the screws provided in the accessory box to securely attach your FPM and TPC products. In Picture 1.6, 1.7, 1.8, and 1.9 the red guide lines indicate the positions of the five screws used for fastening FPM and TPC



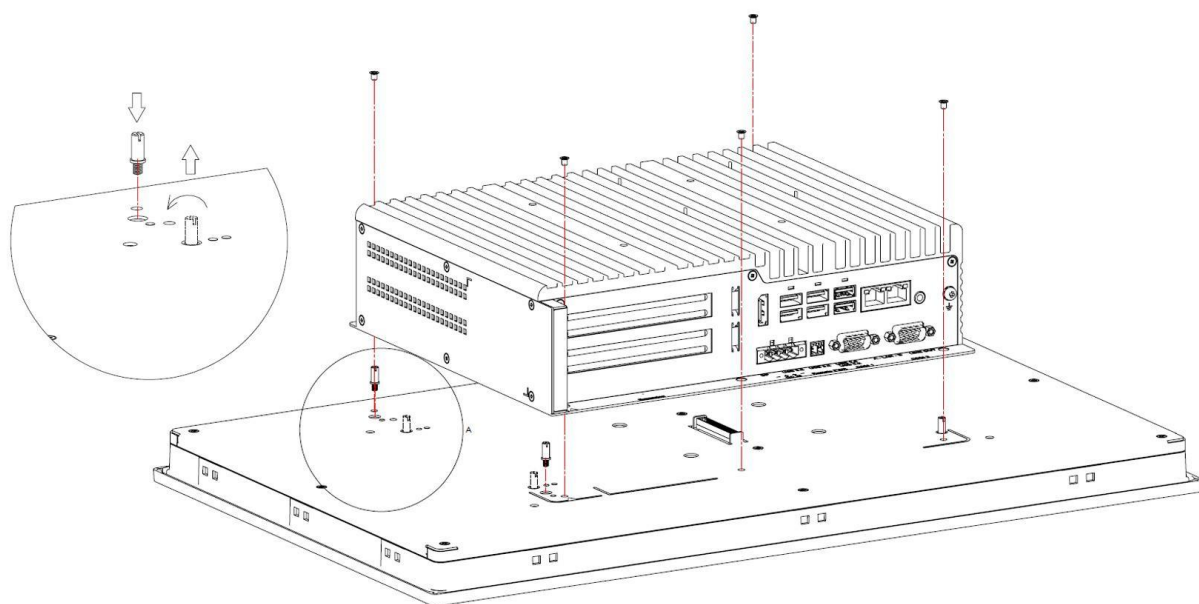
Picture 1.6 TPC-B300 Installation



Picture 1.7 TPC-B510 Installation



Picture 1.8 TPC-B520 Installation



Picture 1.9 TPC-B610 Installation

Chapter 2

LED Status Indicator

2.1 LED status indicator light on the FPM display

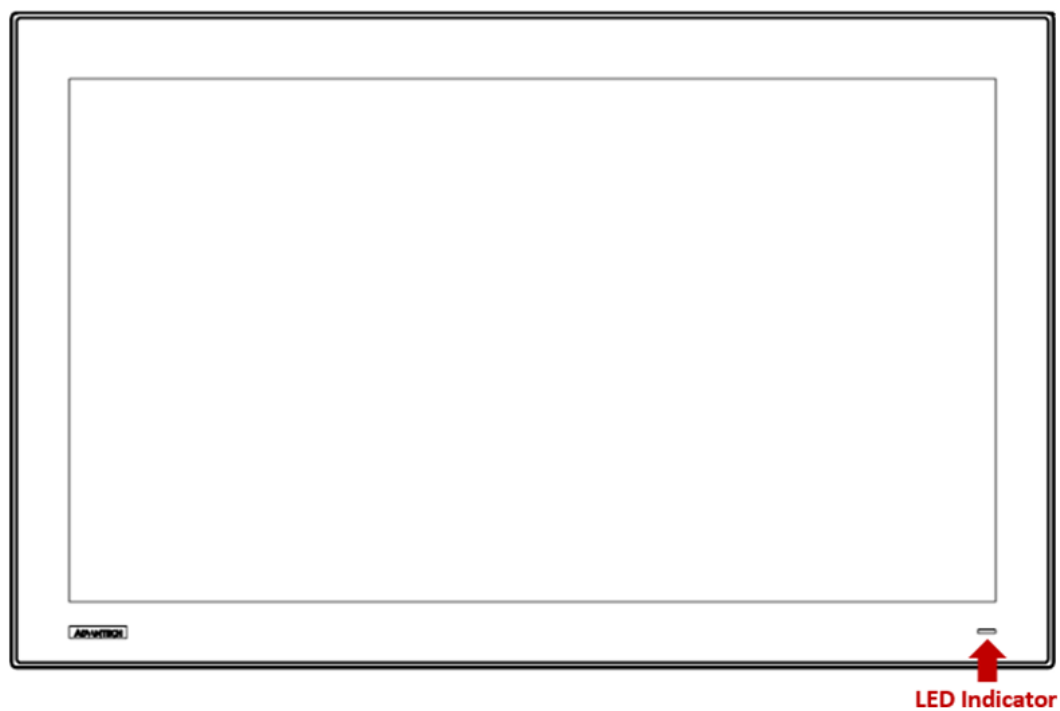


Table 2.1: LED Indicators

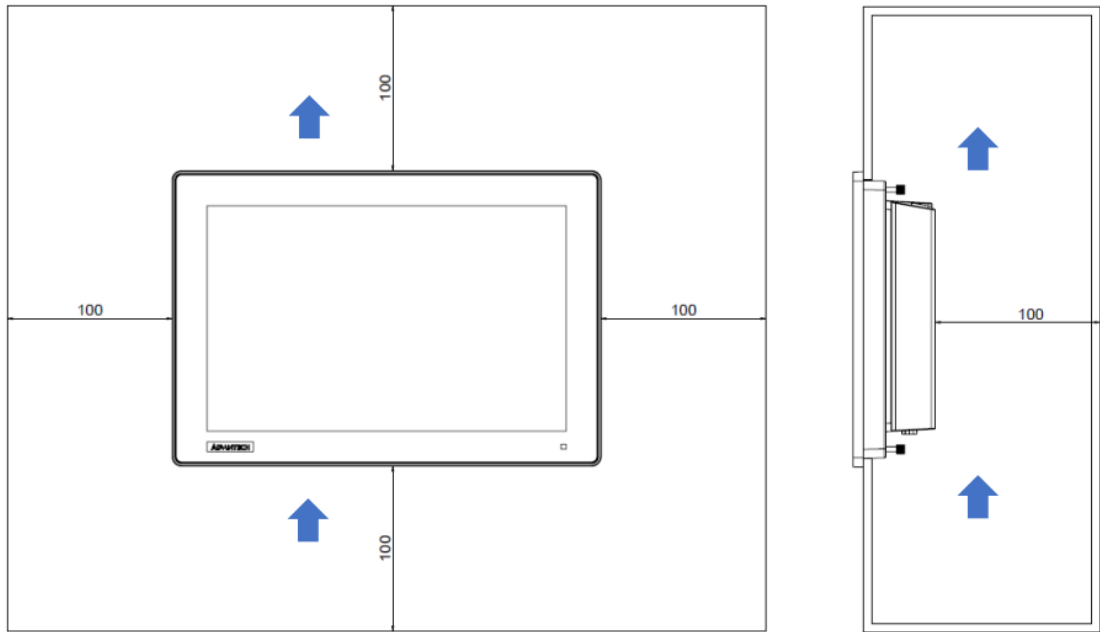
Indicator	Default Status (ErP Enable)	Status 2 (ErP Disable)
Green	Normal Powered-On State	Normal Powered-On State
Orange	Sleep (S3)/Hibernate (S4)	Sleep (S3)/Hibernate (S4)/Shutdown(S5)
Off	Shutdown(S5)/Power Off	Power Off

Chapter 3

Panel Mount Installation

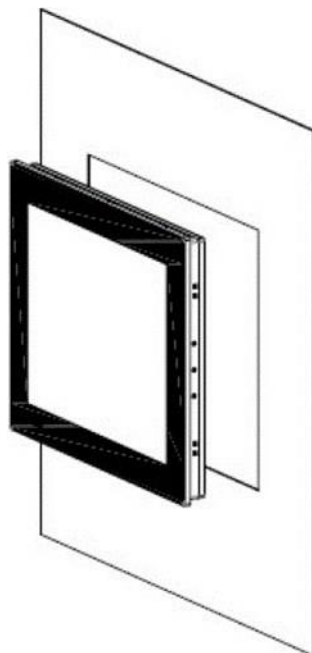
3.1 Panel Mount Installation

Before installing the TPC panel computer into the panel opening, ensure that the adhesive waterproof gasket on the front bezel is correctly positioned. Ensuring adequate air circulation with a required clearance on all sides. Refer to the diagram for the minimum clearance (100mm), air inlet and outlet directions (blue arrows), and a suggested mounting panel thickness of less than 6mm (0.236").



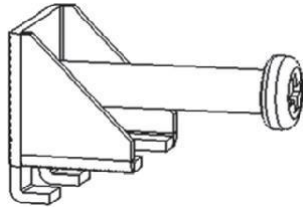
Unit: mm

1. The front panel is equipped with a waterproof gasket strip with adhesive on it. Before installing the TPC into the panel opening, please ensure that the waterproof gasket is fixed correctly.
2. Place the TPC into the panel opening.

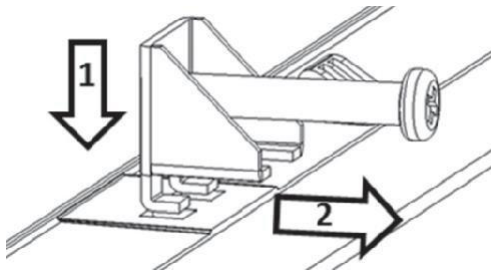


Picture 3.1 Place FPM+TPC into the panel opening

3. Take out the panel mounting kits from the accessory box and attach them to the fixed holes around the chassis. Tighten the screw of each fastening button into position to clamp and secure the panel.



Insert the screws into each bracket and tighten them to secure the brackets in place.



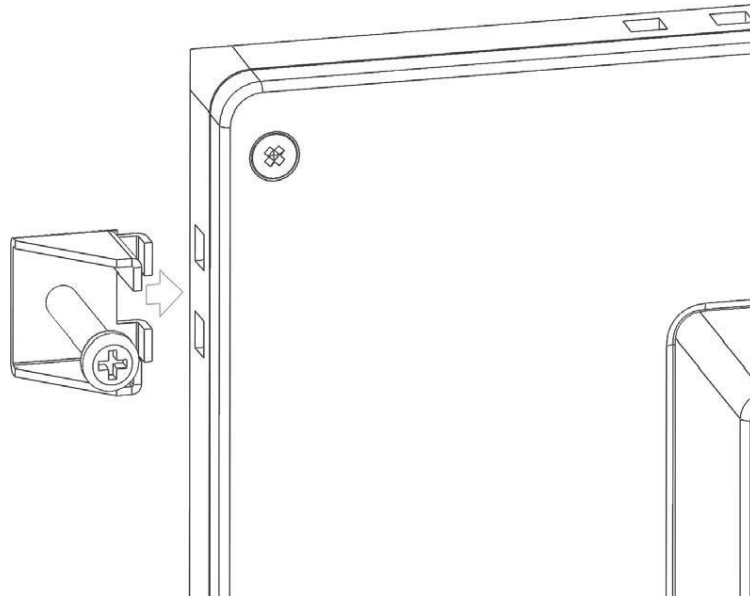
Hook the clamp into the hole and tighten the screws.

Torque Setting: 5 kgf-cm.

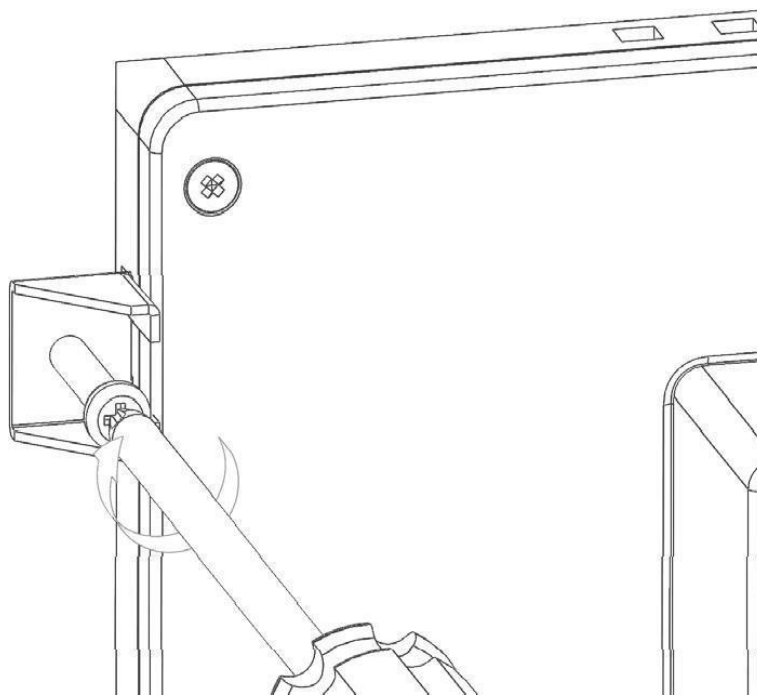
These screws will clamp the panel and secure the device in place.

Picture 3.1 Panel Mounting Kit

4. It is recommended to install the panel with a thickness less than 6 millimeters (0.236 inches).



Picture 3.3 Panel Mounting Kit Installation



Picture 3.4 Tighten with screw driver

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使用前請檢查核實產品的規格。本手冊僅作為參考。

產品規格如有變更，恕不另行通知。

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