

7610-K41

# I/O Expansion

Kit Instructions



Issue A

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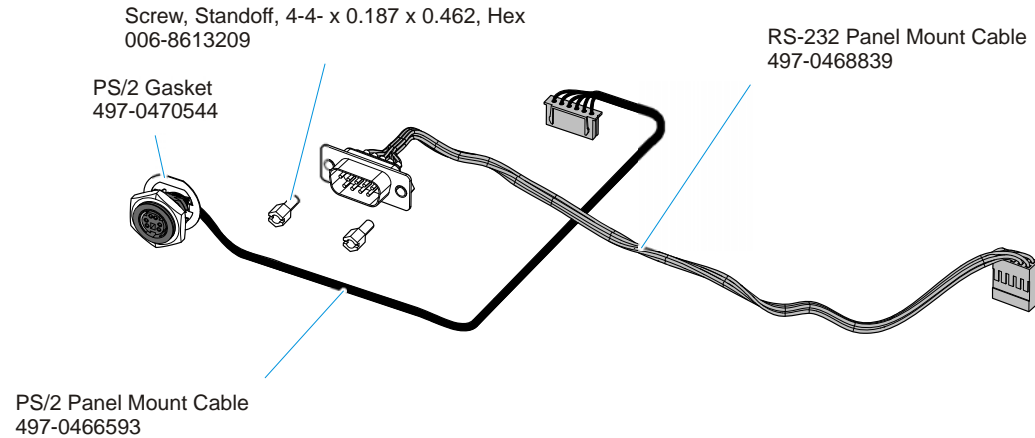
## Revision Record

Issue	Date	Remarks
A	Feb 2011	First issue

## Introduction

This kit provides one RS-232 connector w/harness and one PS/2 connector w/harness for the 7610/7611 Connector Panel.

**Note:** The RS-232 cable cannot be installed if an Integrated 2x20 Customer Display is present. Both devices use the internal RS232/D header.



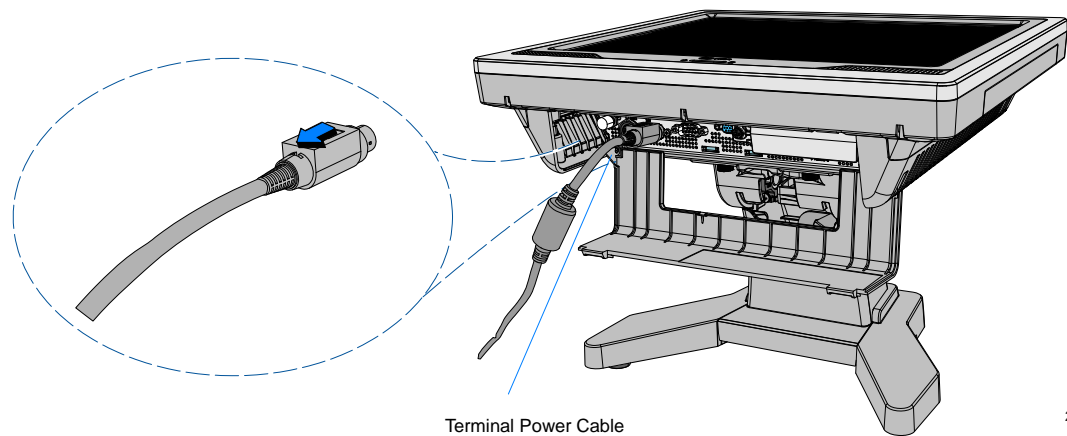
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## Installation Procedures

**Warning:** Disconnect the power before disassembling the Terminal.

1. Disconnect the Power Cable.

The Power Cable connector *locks* into position when connected to the terminal and cannot be removed by simply pulling on the cable. You must grasp the connector and slide the outside housing out from the terminal to *unlock* it from the terminal connector to remove it.



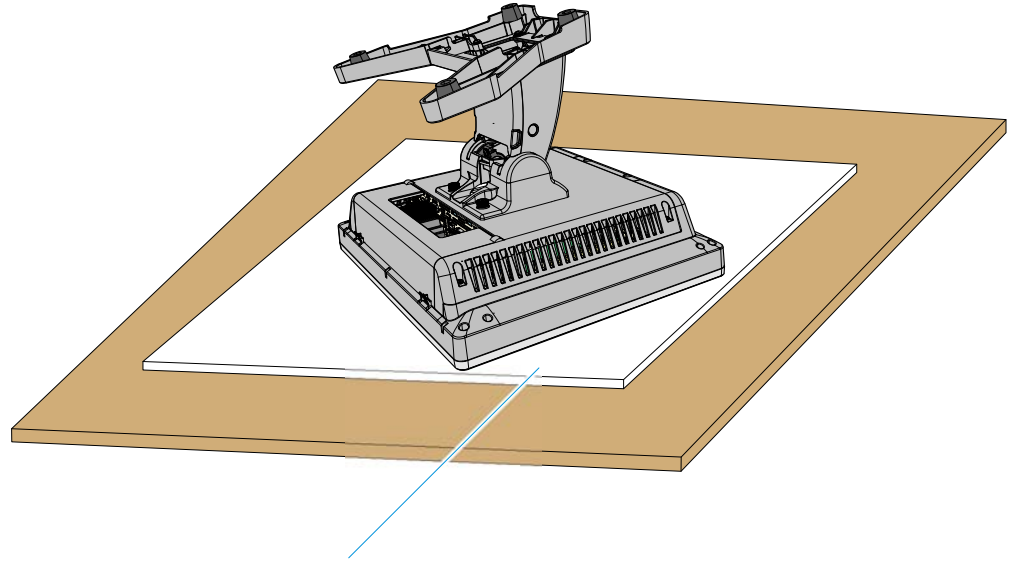
Terminal Power Cable

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2. Remove the Table Top Stand.
  - a. Lay the terminal face down on a flat surface.

**Caution:** The front bezel is a painted component and the weight of the terminal can cause abrasions when moved around on a surface. **Always** use a soft material (cloth, foam) to protect the bezel when placing the terminal face down.

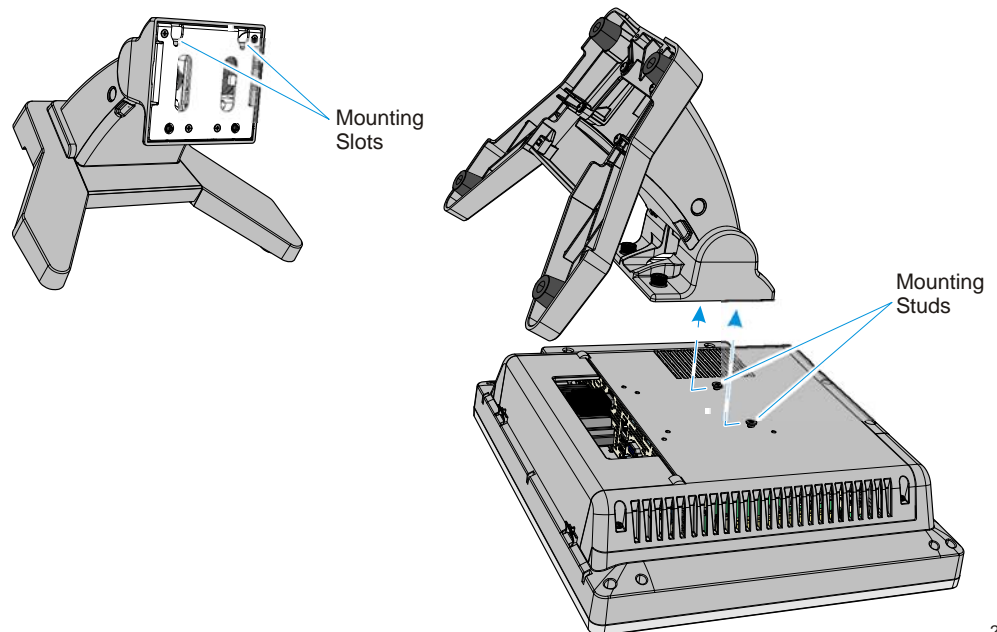
- b. Loosen the captive thumbscrews (2) that secure the Table Top Stand.



Protective Foam or Cloth

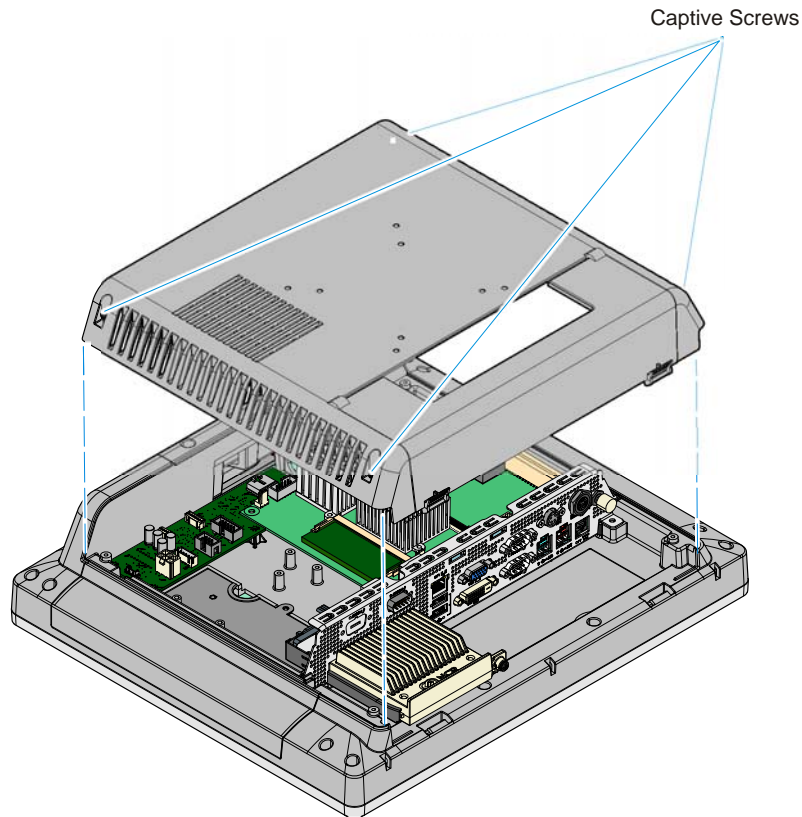
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- c. Slide the Table Top Stand as shown to disengage the slots in the Table Top Stand from the Mounting Studs on the back of the terminal.



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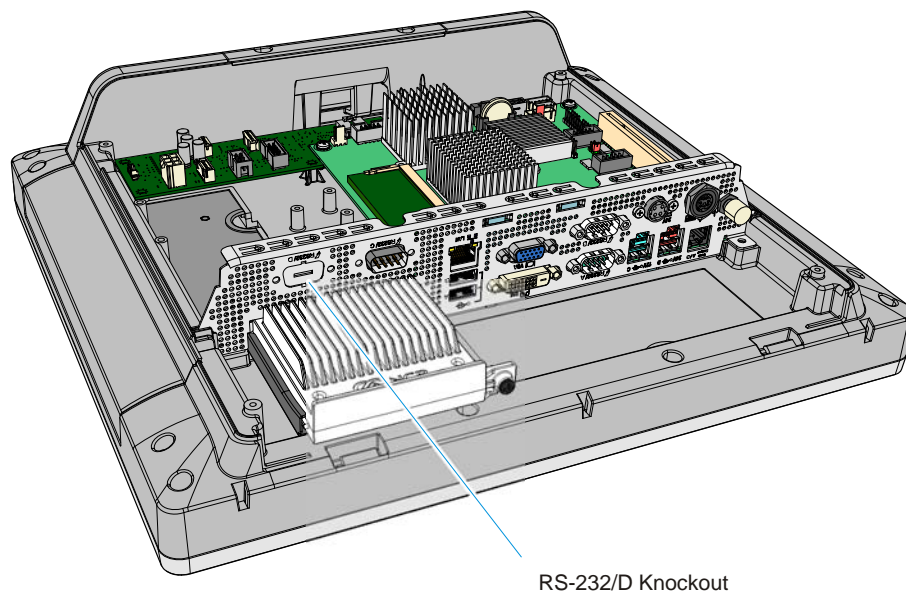
3. Remove the Rear Cover (loosen the captive screws (4) that secure it to the chassis.)



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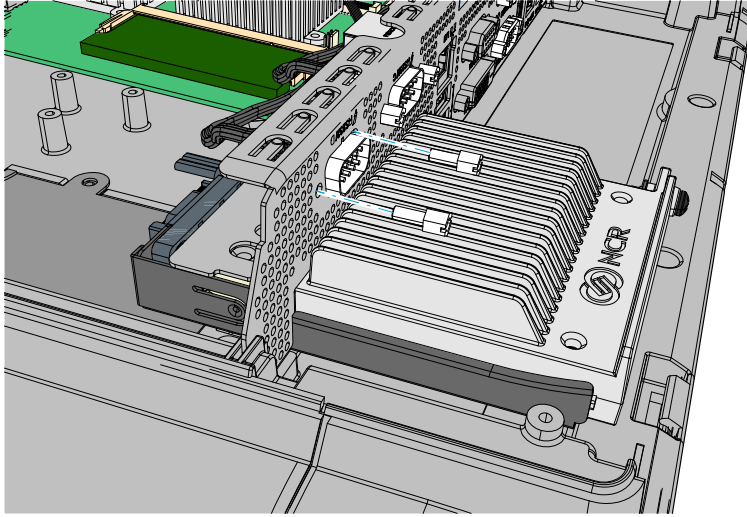
### Installing the RS-232 Port

4. Remove the RS232/D knockout from the Connector Panel. Insert a flat screwdriver in the slot and twist the knockout up and down to break it loose.



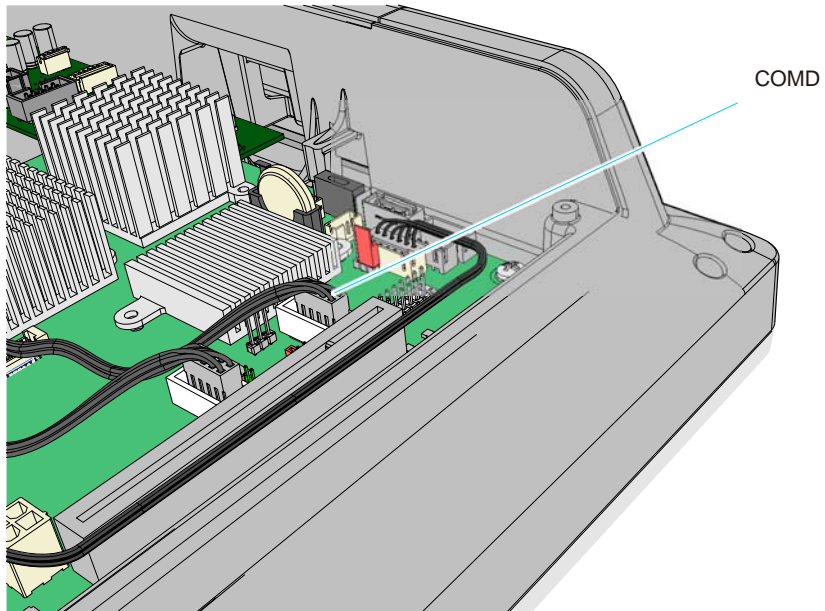
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5. Install the RS-232 Connector on the Connector Panel (2 hex screws).



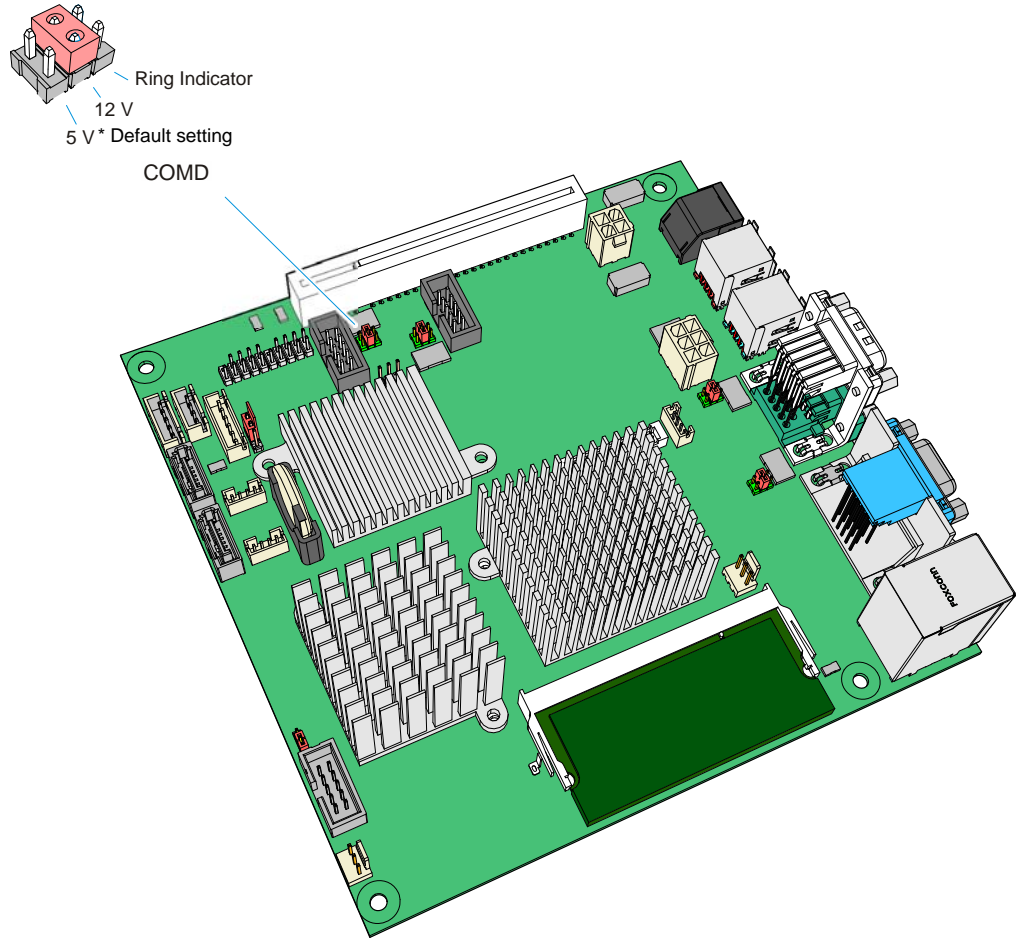
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6. Connect the RS-232 Cable to COMD on the Motherboard.



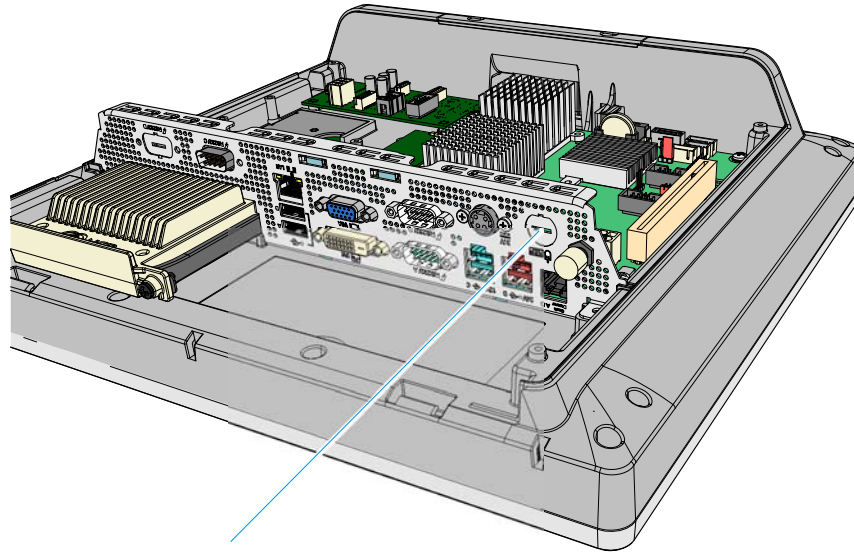
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7. Set the COMD jumper to 12 V powered.



## Installing the PS/2 Port

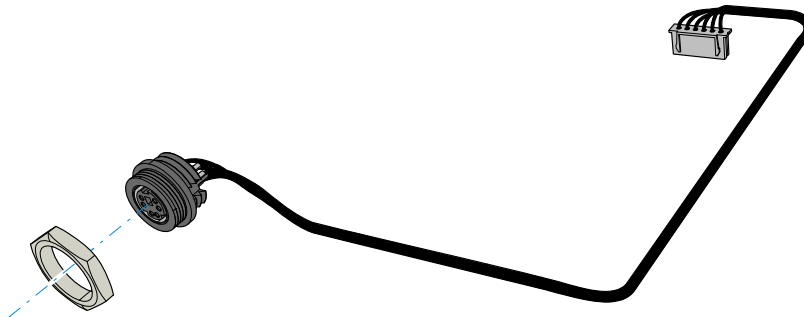
8. Remove the PS/2 knockout from the Connector Panel. Insert a flat screwdriver in the slot and twist the knockout up and down to break it loose.



PS/2 Knockout

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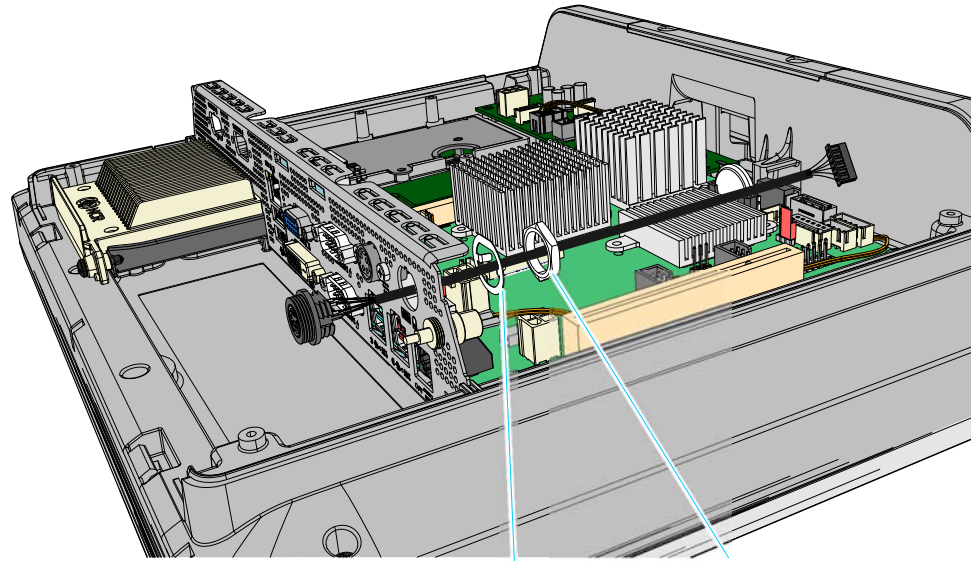
9. Remove the hex nut from the PS/2 Connector.



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10. Route the PS/2 Cable through the Connector Panel from the outside of the terminal. Insert PS/2 Gasket and hex nut onto the cable. Note the orientation of the extensions on the gasket (away from the connector).

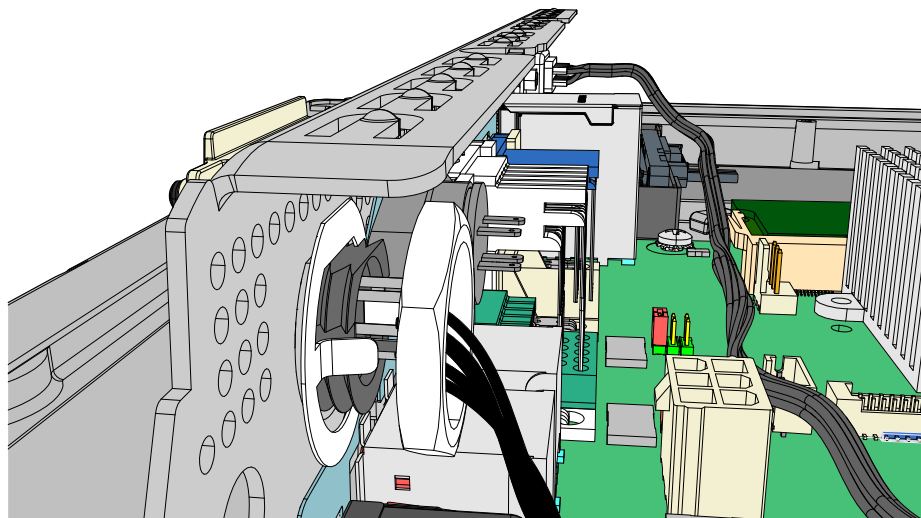


PS/2 Gasket

Hex Nut

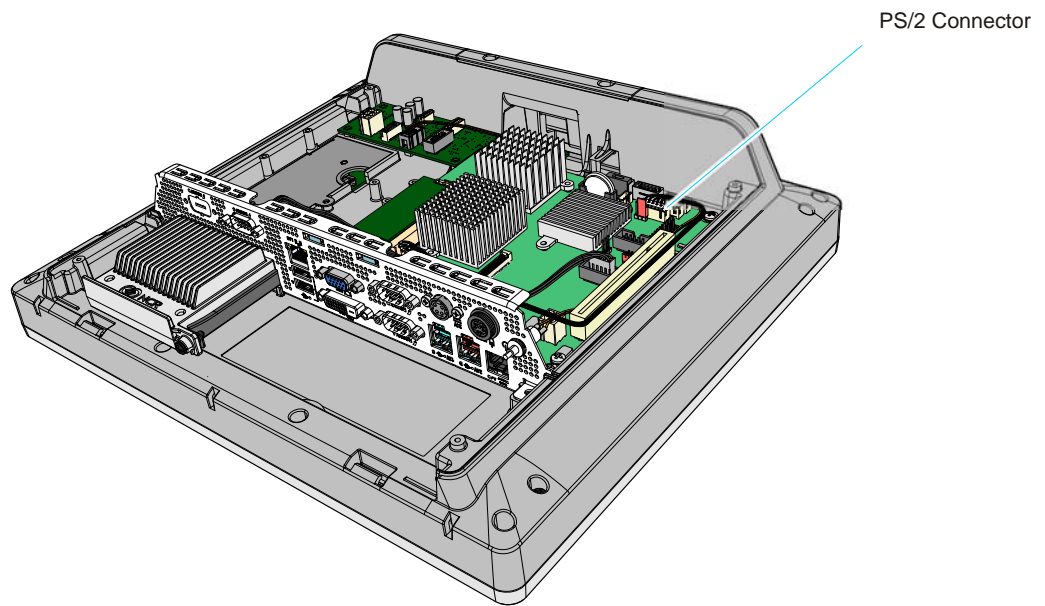
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11. Align the PS/2 Connector and Gasket properly with the keyed hole in the Connector Panel and then secure the connector with the hex nut.

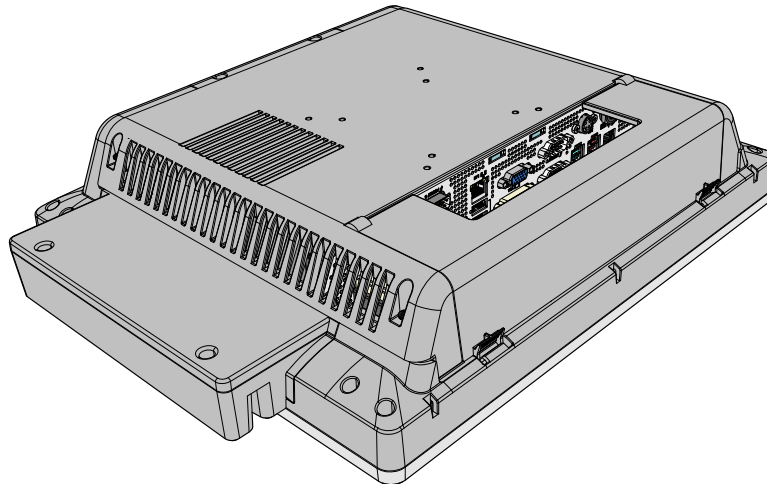


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12. Connect the PS/2 Cable to the PS/2 Connector on the Motherboard.



13. Replace the Rear Cover (4 captive screws).



14. Replace the Display Head on the Table Top Stand..