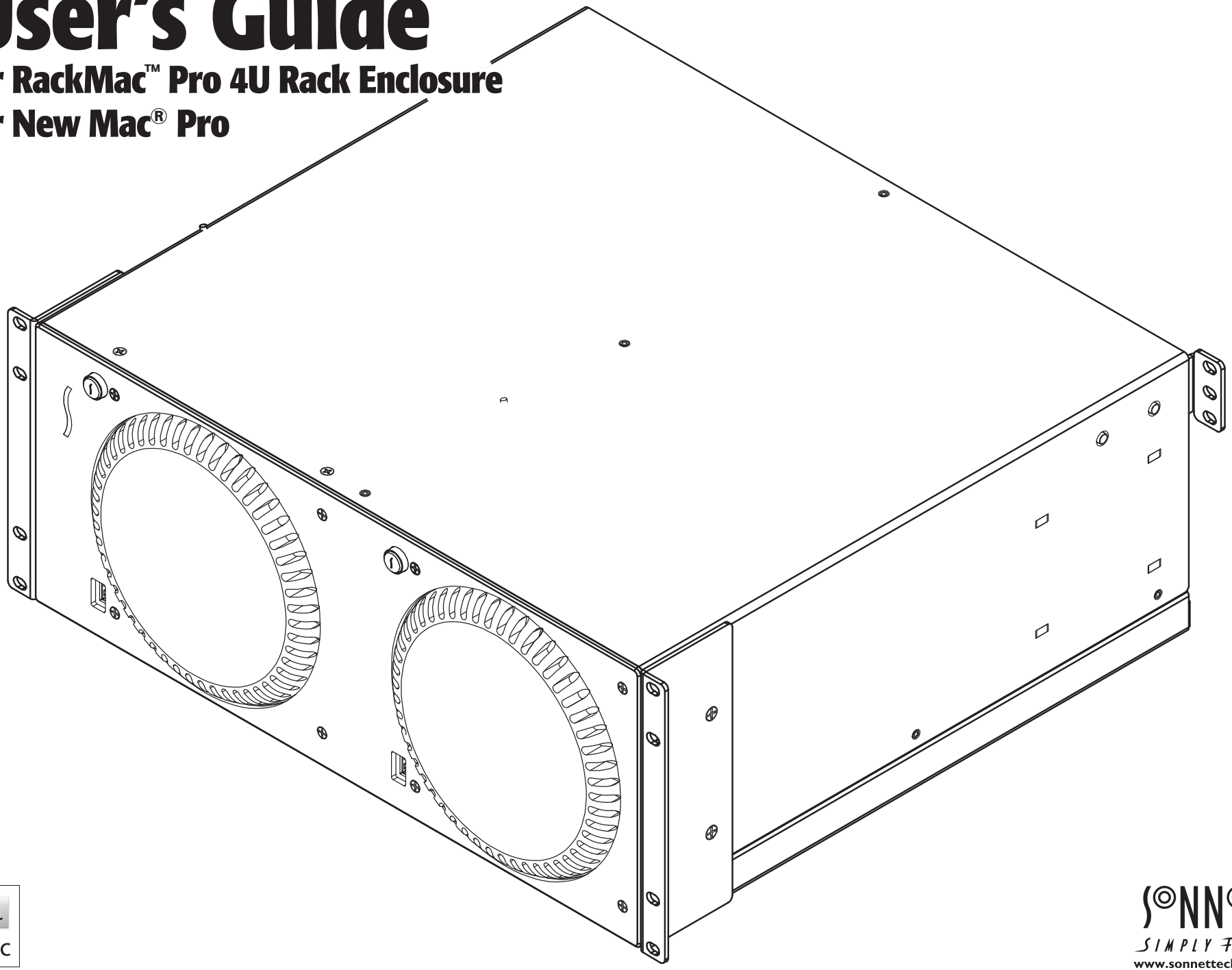
User's Guide

for RackMac™ Pro 4U Rack Enclosure
for New Mac® Pro



Mac

SONNET™
SIMPLY FAST™
www.sonnettech.com

Contents

1 Introduction 1

2 RackMac Pro Description 2

External Features
Computer Mounting Modules
5/64-Inch Hex Wrench
Mac Pro Bottom Cover Labels

3 Mac Pro and Rackmount Enclosure Installation Steps 4

A – Remove Computer Mounting Modules
B – Install Mac Pros Into Computer Mounting Modules
C – Install Computer Mounting Modules Into Enclosure

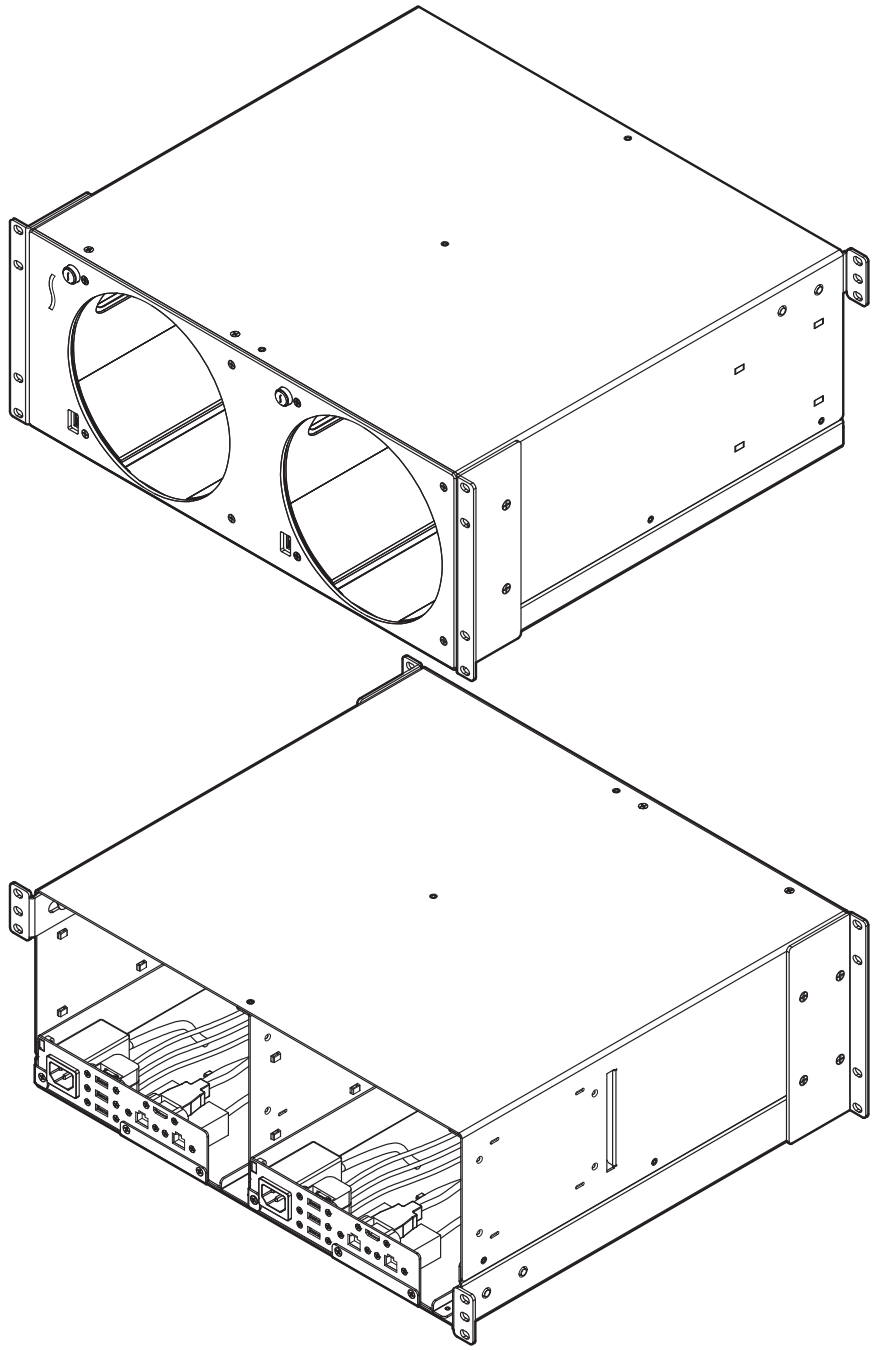
4 Specifications, Precautions, and Support Information 11

Specifications
Safety Precautions
Contacting Customer Service
Visit Our Website

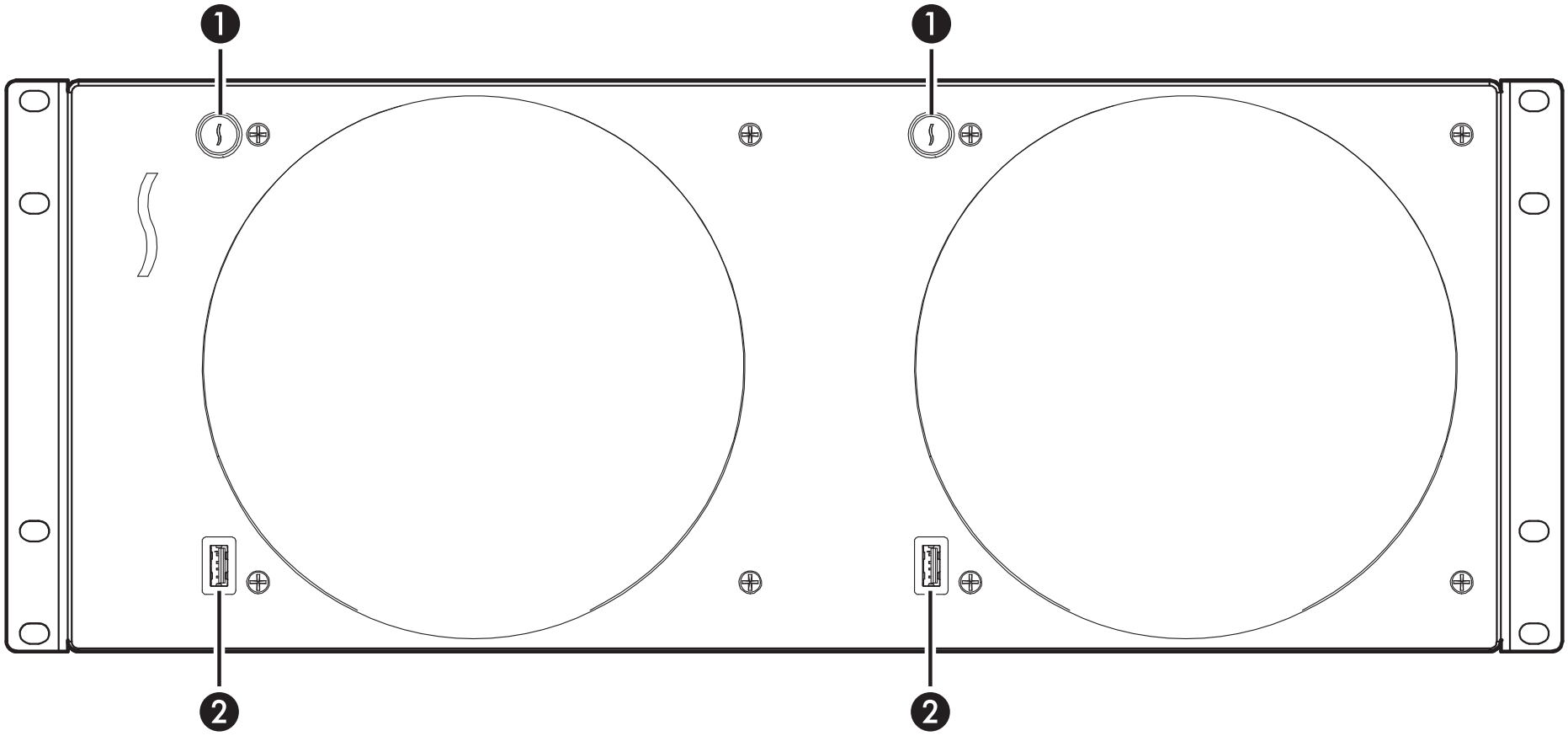
This page left intentionally blank

Chapter 1 – Introduction

Congratulations on your purchase! The RackMac Pro is a 4U rackmount enclosure for one or two Mac Pro computers. The model you purchased is equipped with two Computer Mounting Modules to support the installation of two computers.



Chapter 2 – RackMac Pro Description



External Features

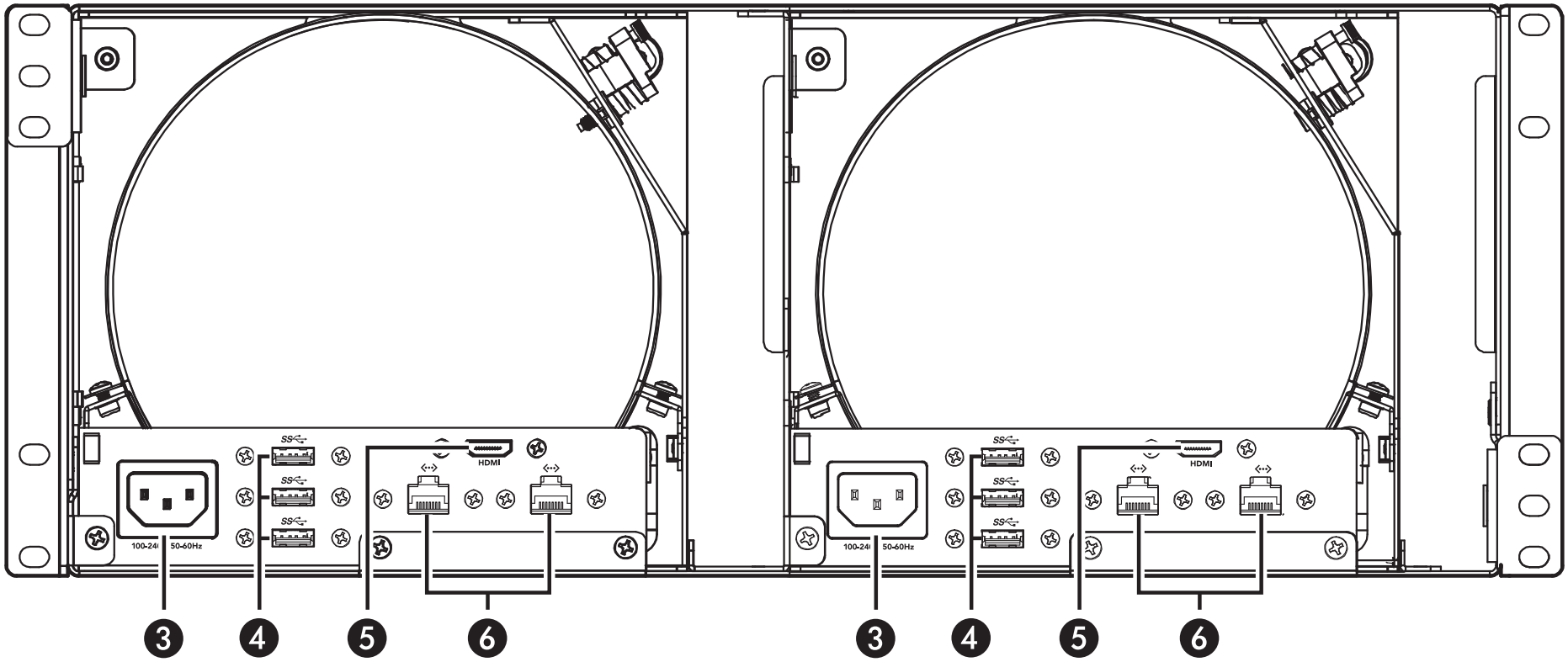
1 – Power Switch

This button activates the Mac Pro's power switch.

2 – USB 3.0 Port

This port connects to the Mac Pro through a cable attached behind the front panel.

Chapter 2 – RackMac Pro Description



Computer Mounting Modules

3 – Power Input Socket

This socket connects to the Mac Pro through a cable attached to the back panel. Connect your computer's AC power cable here.

4 – USB 3.0 Ports

These ports connect to the Mac Pro through cables attached to the back panel.

5 – HDMI Port

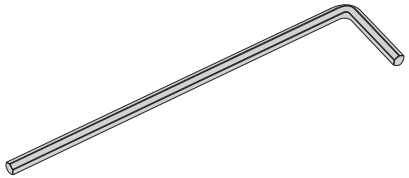
This port connects to the Mac Pro through a cable attached to the back panel.

6 – Gigabit Ethernet Ports

These RJ-45 ports connect to the Mac Pro through cables attached to the back panel.

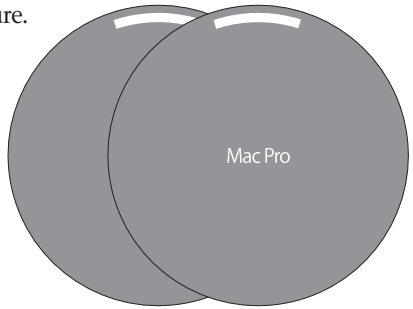
5/64-Inch Hex Wrench

This tool is used to adjust the position of the computer mounting module's power switch set screw.



Mac Pro Bottom Cover Labels

These labels are applied to the bottoms of the Mac Pros to cover their labeling, except for the serial numbers, and orient the words Mac Pro parallel to the RackMac Pro enclosure.



Chapter 3 – Mac Pro and Rackmount Enclosure Installation Steps

A – Remove Computer Mounting Modules

1. Remove the RackMac Pro from its packaging, and then set it on a flat, level surface.

2. Using a Phillips screwdriver, remove and set aside the eight screws securing the front panel to the rackmount enclosure, being careful to prevent the front panel from falling off **(Figure 1)**. Set aside the front panel and screws.

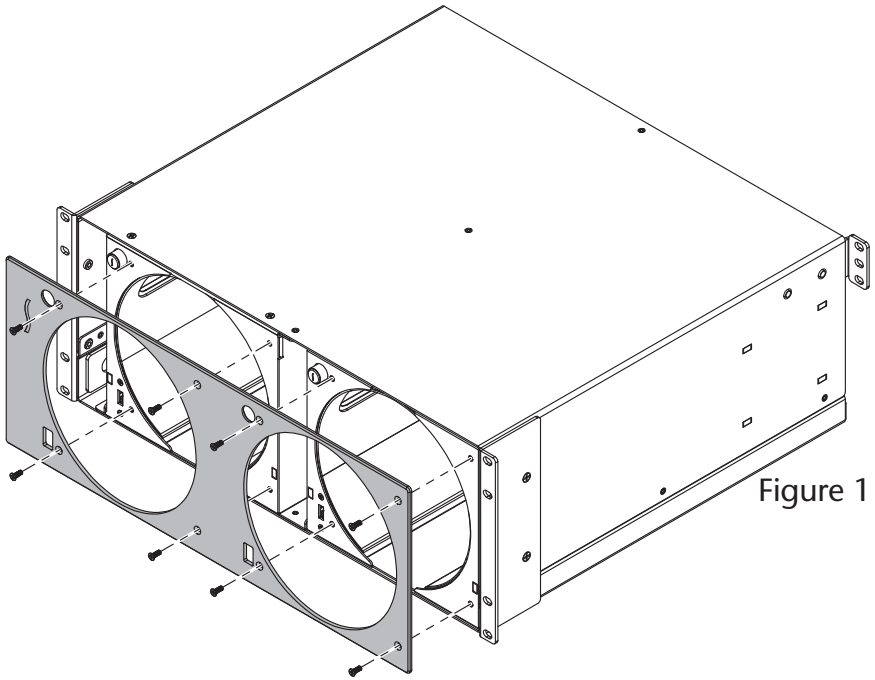


Figure 1

3. Using a Phillips screwdriver, remove and set aside the six screws securing the computer mounting modules to the rackmount enclosure **(Figure 2)**. Set aside the screws.

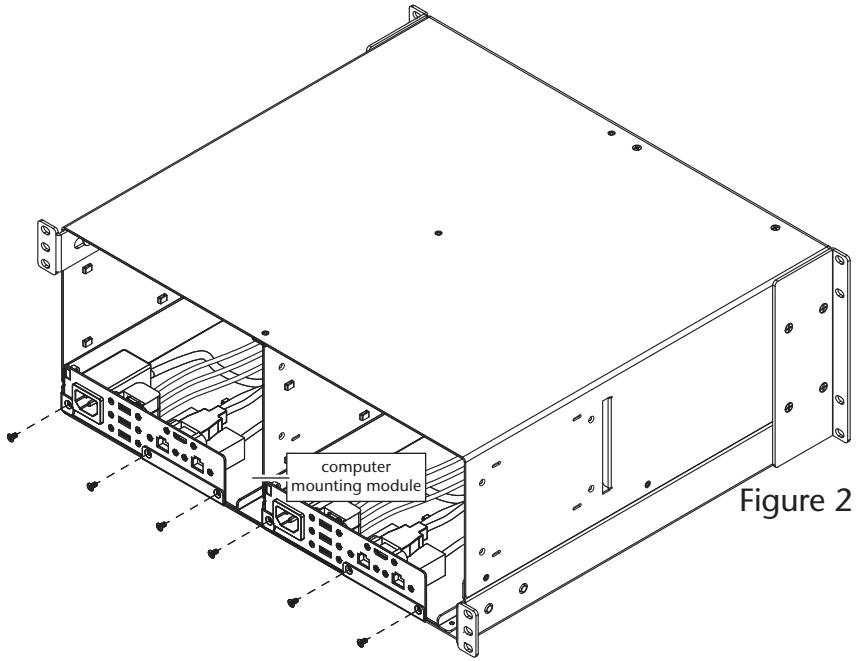


Figure 2

Chapter 3 – Mac Pro and Rackmount Enclosure Installation Steps

4. Gently pull out the computer mounting modules through the front of the enclosure **(Figure 3)**.

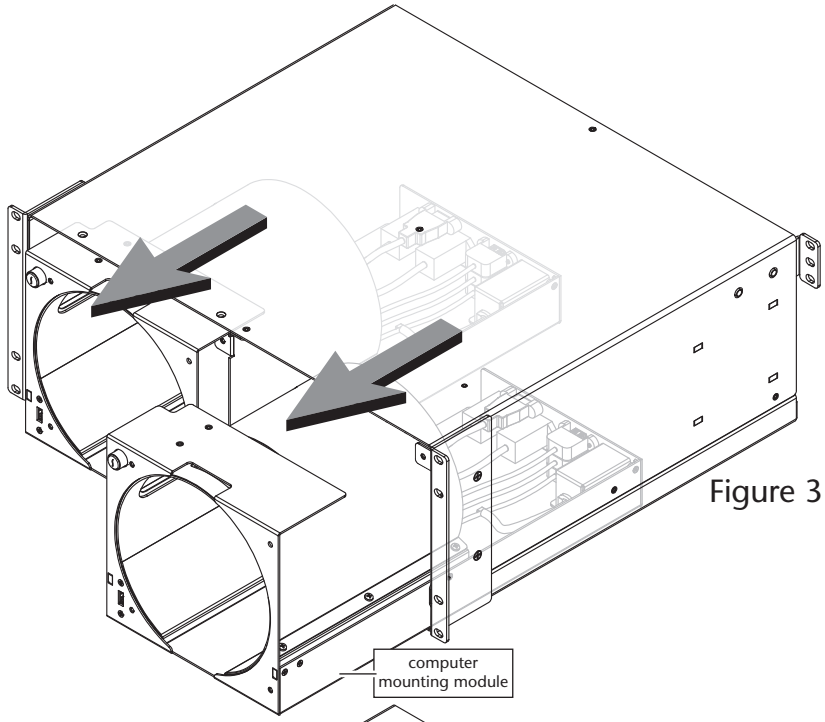


Figure 3

5. OPTIONAL STEP: If you are installing the RackMac Pro into a rack where mounting support for the back of the rackmount enclosure is not possible, you may slide out and remove the extension rails at this time **(Figure 4**.

6. Install the rackmount enclosure into the equipment rack.

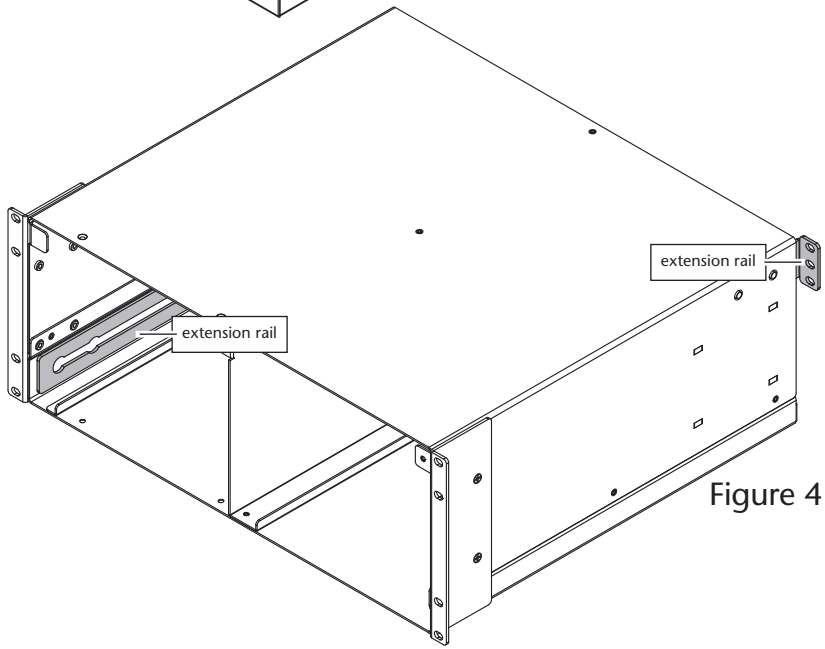


Figure 4

Chapter 3 – Mac Pro and Rackmount Enclosure Installation Steps

B – Install Mac Pros Into Computer Mounting Modules

1. Using a Phillips screwdriver, loosen, but do not remove, the six screws securing the computer mounting module's top bracket to its bottom bracket **(Figure 5)**.

2. Using the included 5/64-inch hex wrench, back out the computer mounting module's power switch set screw by turning the screw counter-clockwise 10 complete turns **(Figure 5)**.

WARNING: Before inserting the Mac Pro into or removing it from the computer mounting module, you must back out the power switch set screw to prevent damage to the computer and power switch.

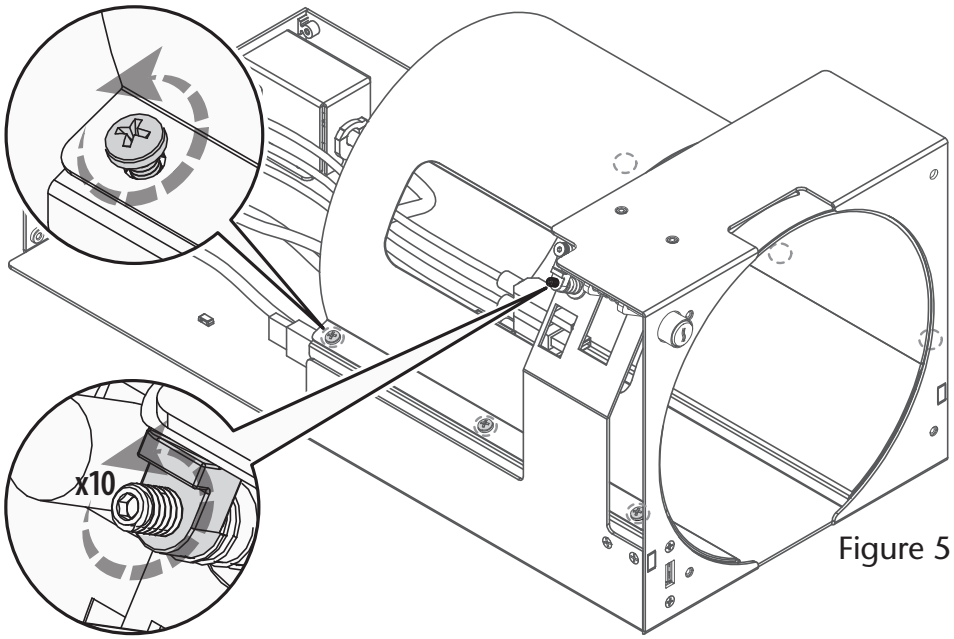


Figure 5

3. Remove a Mac Pro from its packaging.

4. Holding the computer with its ports facing up, *very carefully* insert the computer top-first into the computer mounting module as shown, lining up the Mac Pro's ports with the openings in the module's top bracket. **(Figure 6)**.

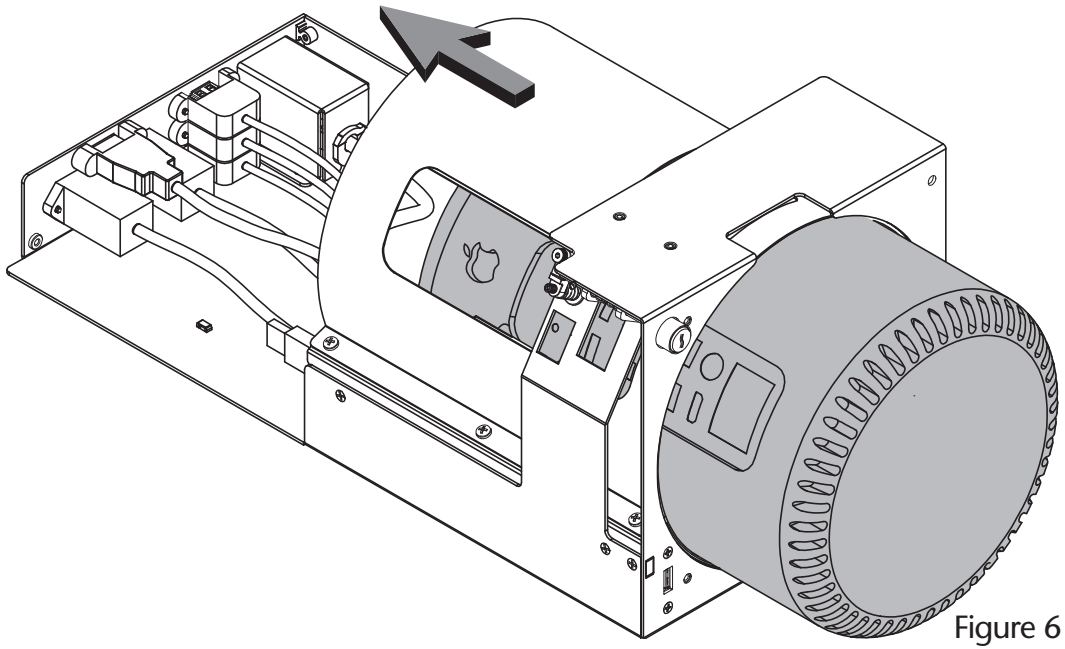


Figure 6

5. Adjust the Mac Pro within the computer mounting module so that its power and HDMI ports are centered in the bracket openings **(Figure 7)**.

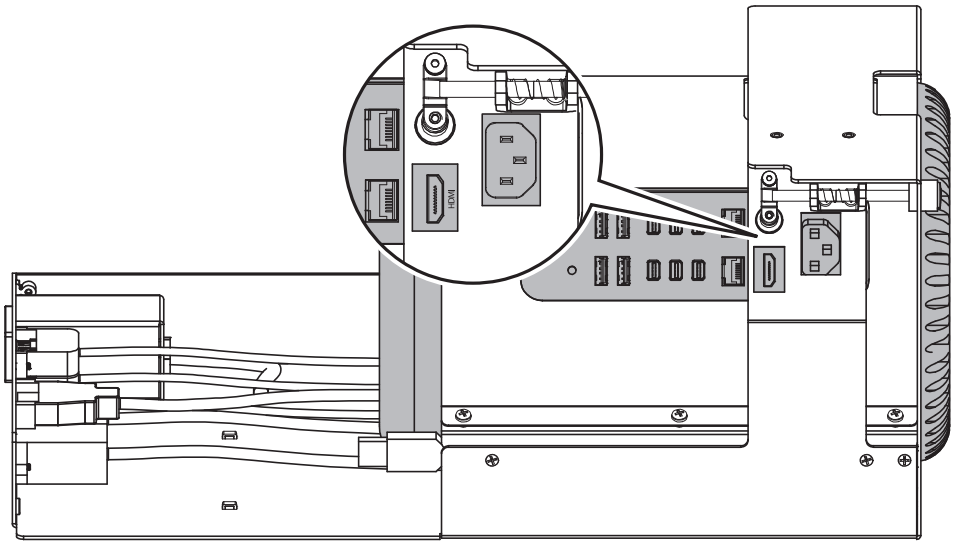


Figure 7

6. Connect the computer mounting module's Gigabit Ethernet, HDMI, power, and USB 3.0 cables to the corresponding ports on the computer **(Figure 8)**.

7. If you are connecting any Thunderbolt cables to the computer, do so now; otherwise, skip to the next step.

Support Note: If you connect any Thunderbolt cables to the Mac Pro, Sonnet recommends that you secure them with cable ties to the computer mounting module's cables.

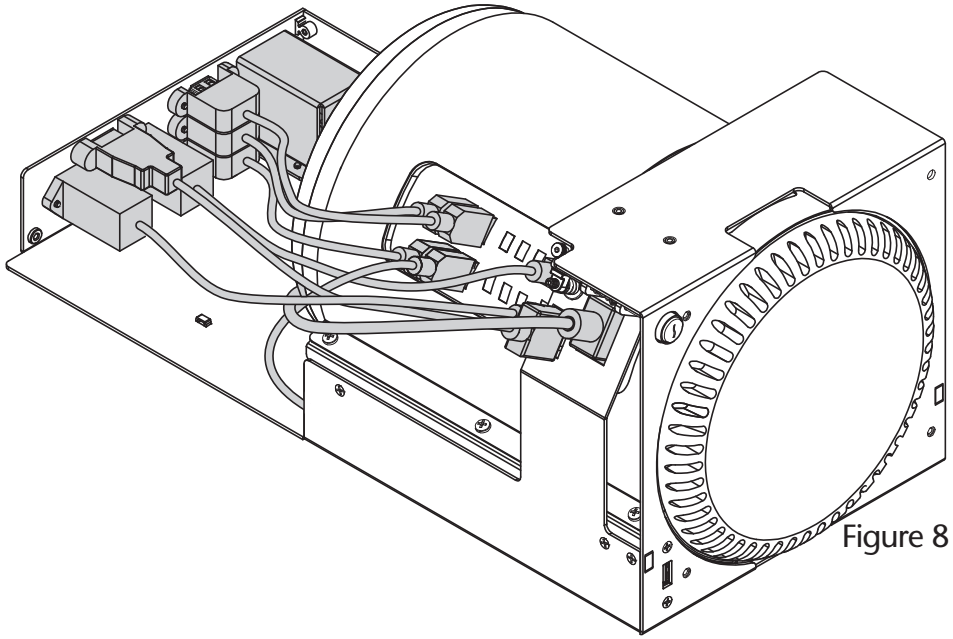


Figure 8

8. Tighten the six screws securing the computer mounting module's top bracket to its bottom bracket. Be certain to tighten the screws securely to prevent the computer from moving within the brackets **(Figure 9)**.

9. Tighten the power button's set screw by turning it clockwise just until the top of the screw is flush with its housing **(Figure 9)**.

10. Connect your computer's power cable to the computer mounting module's power port and to a powered outlet. If the computer *does not* turn on by itself, go to the next step. If the computer *does* turn on by itself, disconnect the power cable. Loosen the set screw by turning it 1/4 turn counter-clockwise. Connect the power cable again and repeat this step until the computer does not turn on when the power cable is connected.

11. Press the computer mounting module's power button and verify that it activates the Mac Pro's power switch and turns on the computer. If the computer does not turn on, tighten the computer mounting module's power button set screw by turning it 1/4 turn clockwise. Press the computer mounting module's power button again. If the computer turns on, disconnect the power cable and continue to the next step. Otherwise, continue adjusting and testing until the computer turns on when you press the power button.

12. Repeat steps 1 – 11 of this section with the second computer mounting module and Mac Pro.

Support Note: Sonnet recommends that you tape the hex wrench to the floor of the computer mounting module for safekeeping in case you need to remove a Mac Pro in the future.

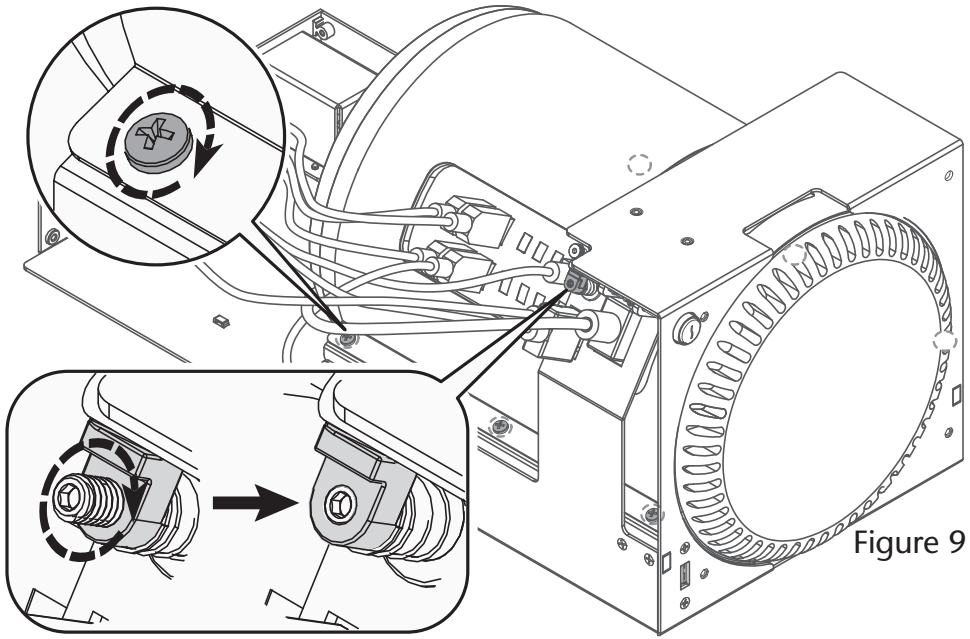


Figure 9

Chapter 3 – Mac Pro and Rackmount Enclosure Installation Steps

C – Install Computer Mounting Modules Into Enclosure

1. Carefully slide the computer mounting modules one at a time into the RackMac Pro's rackmount enclosure until they stop **(Figure 10)**.

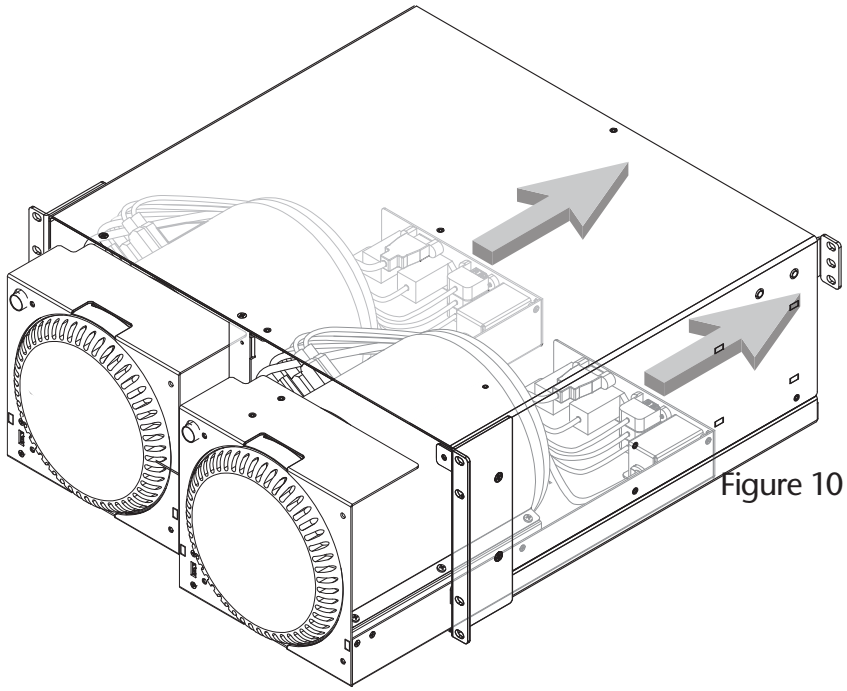


Figure 10

2. Using the six screws you removed previously, secure the computer mounting modules to the rackmount enclosure **(Figure 11)**.

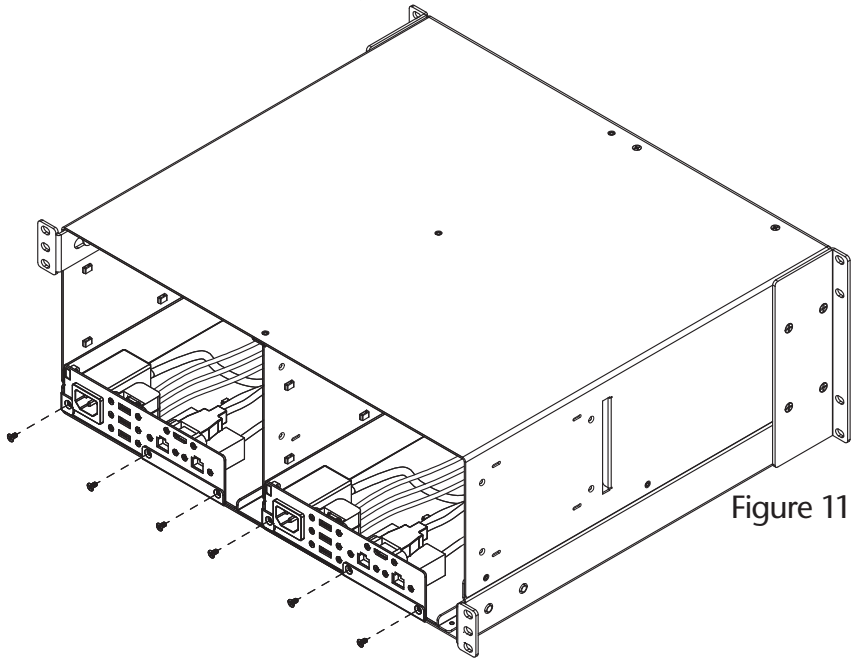


Figure 11

3. Using two of the screws you removed previously, secure the front panel to the rackmount enclosure, inserting the screws into the holes next to the power switches. Verify the power switches operate smoothly **(Figure 12)**.

4. Using the remaining screws, secure the faceplate to the rackmount enclosure **(Figure 12)**.

5. OPTIONAL STEP: Apply a bottom cover label to each Mac Pro by peeling off the backing material, aligning the cutout (the area without ink) over the words “Serial Number” and the computer’s serial number, and making sure the words ”Mac Pro” appear level.

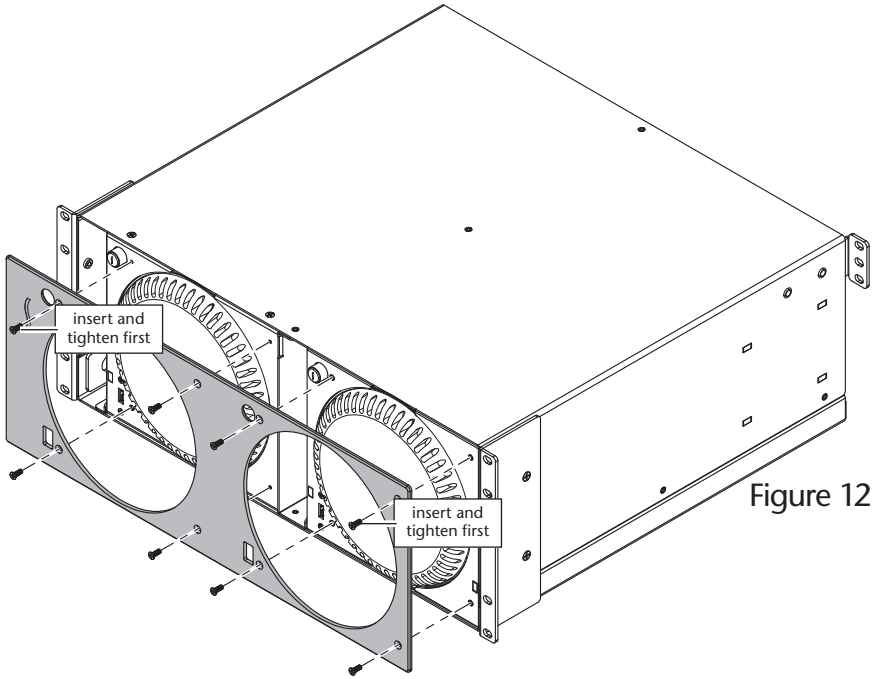


Figure 12

Chapter 4 – Specifications, Precautions, and Support Information

Specifications

External Connectors (per computer mounting module)	• Two RJ-45 Gigabit Ethernet port extensions • Four USB 3.0 port extensions (one front mount and three rear mount) • One HDMI port extension
Dimensions WxDxH	19 x 16 x 7 in. (48.3 x 40.6 x 17.8 cm)
Weight	29.85 lbs (13.54 kg)
RoHS Compliant	Yes
Package Contents	• RackMac Pro with two computer mounting modules, assembled • 5/64-inch hex wrench • Two cover labels (for bottom of Mac Pro) • User's guide

SAFETY PRECAUTIONS

Please read this section carefully before proceeding. These precautions explain the correct and safe use of this device, thereby helping to prevent injury to you or others, and also help you to minimize the risk of damaging the device.

- Do not attempt to modify the enclosure. If this device appears to have a mechanical issue, contact your reseller or local distributor.

- Do not drop the enclosure; dropping or mishandling enclosure may result in a malfunction leaving the product inoperable.

- Do not expose the device to rain, use it near water or containers that contain liquids which might spill into any openings, or in damp or wet conditions.

- Follow the instructions in this manual carefully; contact your reseller or local distributor for additional advice not covered in this User's Guide.

Contacting Customer Service

The Sonnet Web site located at www.sonnettech.com has the most current support information and technical updates. Before you call Customer Service, please check our Web site for the latest updates and online support files, and check this User's Guide for helpful information.

When you call Customer Service, have the following information available so the customer service staff can better assist you:

- Product name
- Product serial number
- Date and place of purchase
- Computer model

USA Customers
If further assistance is needed, please contact **Sonnet Customer Service** at:
Tel: 1-949-472-2772
(Monday–Friday, 7 a.m.–4 p.m. Pacific Time)
E-mail: support@sonnettech.com

For Customers Outside the USA
For support on this product, contact your reseller or local distributor.

Visit Our Web Site

For the most current product information and online support files, visit the Sonnet Web site at www.sonnettech.com/support/. Register your product online at http://registration.sonnettech.com to be informed of future upgrades and product releases.

SONNET™
SIMPLY FAST™
www.sonnettech.com

©2014 Sonnet Technologies, Inc. All rights reserved. Sonnet, the Sonnet logotype, Simply Fast, the Simply Fast logotype, and RackMac are trademarks of Sonnet Technologies, Inc. Mac, the Mac logo, and Mac Pro are trademarks of Apple Inc., registered in the United States and other countries. Thunderbolt and the Thunderbolt logo are trademarks of Intel Corporation in the U.S. and/or other countries. Other product names are trademarks of their respective owners. Product specifications subject to change without notice. Printed in the USA. UG-RACK-PRO-2X-E-A-071514