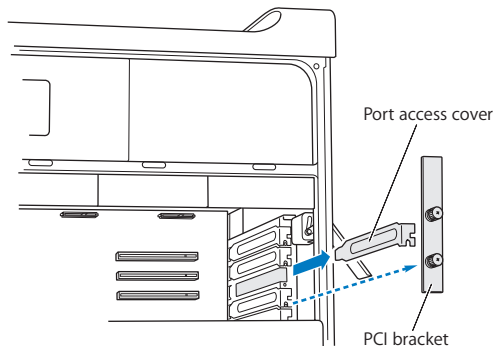


### To install a PCI Express card:

- 1 Open your Mac Pro and remove the side panel, following the instructions in “Opening Your Mac Pro” on page 39.

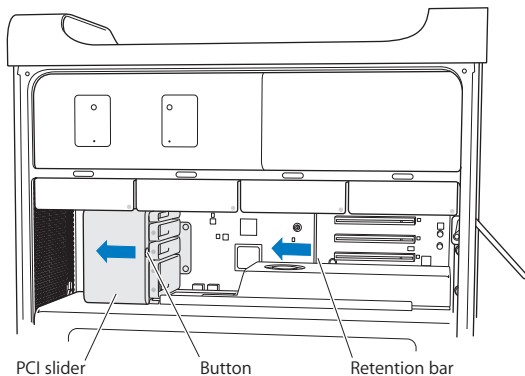
**WARNING:** To avoid damaging internal components or the components you want to install, always turn off and then unplug your Mac Pro. Do not attempt to install items while it is plugged in. Let your Mac Pro cool down for 5 to 10 minutes before you touch the internal components, which may be very hot.

- 2 Unscrew the captive screws in the PCI bracket and remove the bracket.



- 3 Remove the port access cover from the slot in which you plan to install the card.

- 4 Press the button on the PCI slider and move the slider to the left, which moves the retention bar.

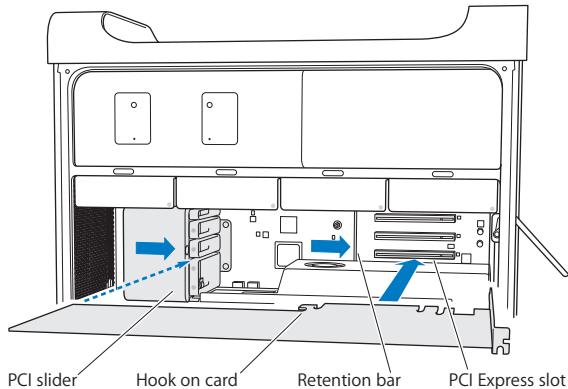


- 5 Remove your new card from its static-proof bag and hold it by its corners. Don't touch the gold connector or the components on the card.

### If You're Installing a Full-Length PCI Card

It may be easier to install a PCI card if you remove the hard disk drives and carriers (see page 62), and remove adjacent cards. Make sure the end of the card goes in the appropriate card guide before aligning the card with the PCI slot and completing the installation.

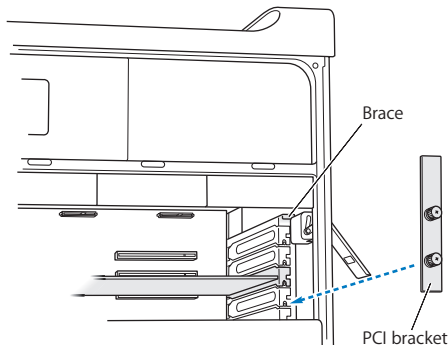
- 6 Align the card's connector with the expansion slot and press the card into the slot.



- 7 Press the card gently but firmly until the connector is fully inserted. Press only on the bare areas of the card to avoid damaging the components. Don't rock the card from side to side or force it. If you meet resistance, check the connector and slot for damage or obstructions, and then try inserting the card again.
- 8 Pull the card gently to make sure it's properly connected. If it stays in place and its gold connectors are barely visible, the card is connected.
- 9 Move the PCI slider to the right to secure the card.

- 10 Replace the PCI bracket under the brace and tighten the screws to secure the card.

**NOTICE:** If you remove a card and don't install a replacement, place a port access cover over the empty slot to keep foreign objects out of the enclosure. An uncovered slot affects the airflow that cools the internal components and may cause damage.



- 11 Replace the side panel, following the instructions starting on page 52.

**NOTICE:** Always replace the side panel after installing components. Your Mac Pro doesn't operate properly without the side panel in place.