

Kit Instructions

Memory Module

1676-K161
Issue A



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Revision Record

Issue	Date	Remarks
A	Jun 2018	First Issue

Memory Module

Introduction

This kit contains the components for upgrading the memory module (RAM) of the NCR N3000 Site Controller.

Kit Components

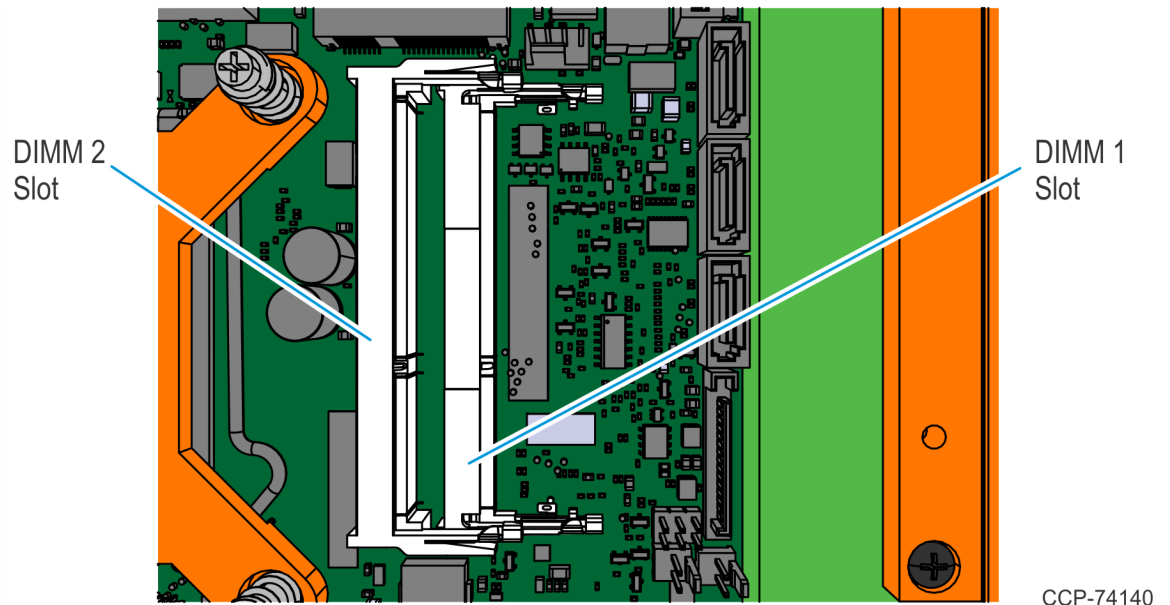
Part Number	Description
006-8620464	(1) 4-GB DDR3 SODIMM 1066 MT/SPC8

Installation Procedures

The NCR N3000 Site Controller has two SODIMM slots that can support up to 16 GB of volatile memory. Memory upgrade may involve replacing the pre-installed memory or adding a memory module.



Warning: Internal components of the N3000 platform are ESD sensitive. All proper grounding precautions must be taken before opening the chassis. NCR strongly discourages opening the chassis or performing field upgrade operations, unless the changes are made by a certified technician or NCR representative.



! Important: All memory features containing one memory module should be installed into the lower socket (DIMM 1 Slot). Any memory upgrade that requires adding an additional memory module should be installed in the upper socket (DIMM 2 Slot).

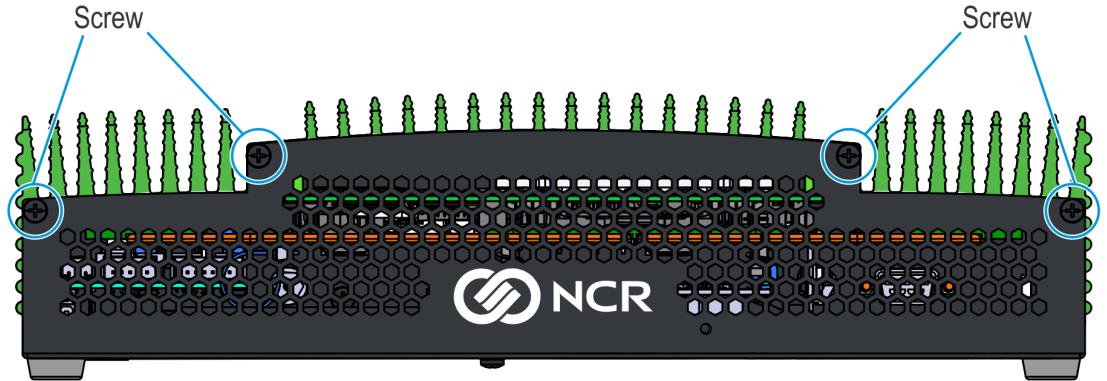
Installing the memory module involves the following procedures:

1. [Removing the bottom cover](#) on the facing page
2. [Installing a RAM](#) on page 7
3. [Installing the bottom cover](#) on page 8

Removing the bottom cover

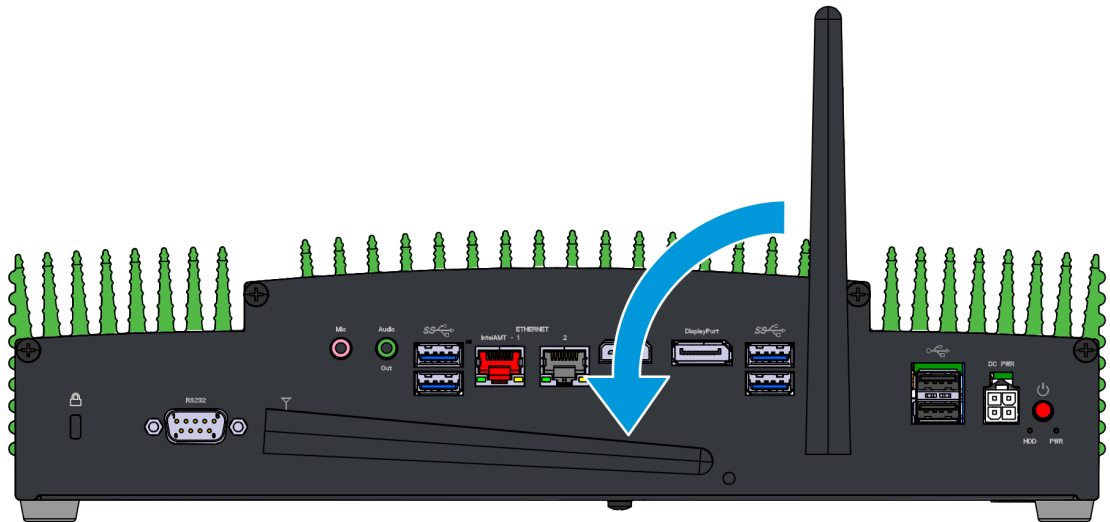
To remove the bottom cover, do the following steps:

1. Using a Phillips screwdriver, remove the four screws on the front panel.



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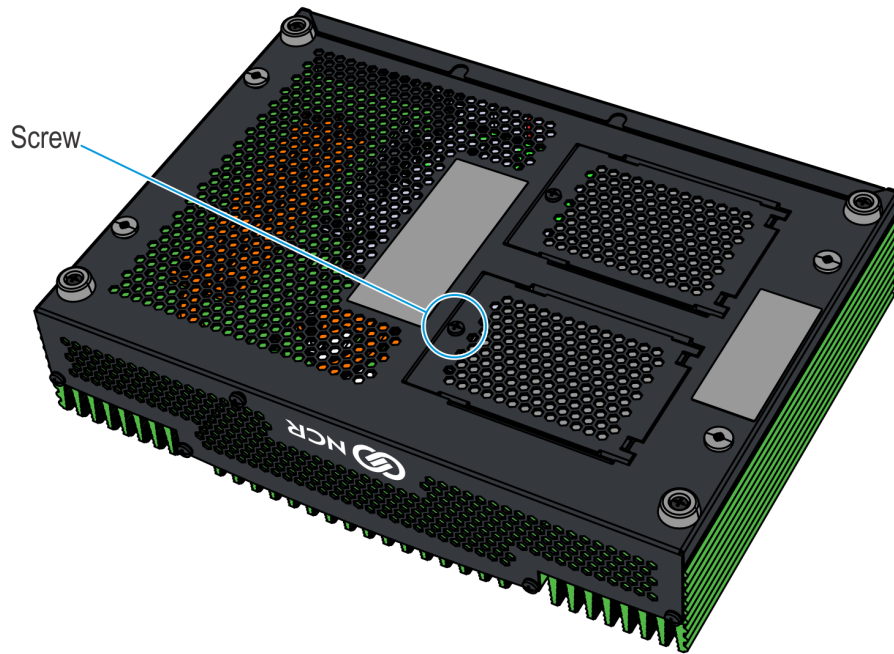
2. If applicable, rotate the antennas so that they are parallel to the device.



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3. Lay the unit face down on a flat surface.

4. Remove SSD brackets that has an installed solid state drive.
 - a. Using a Phillips screwdriver, remove the screw on the SSD bracket.



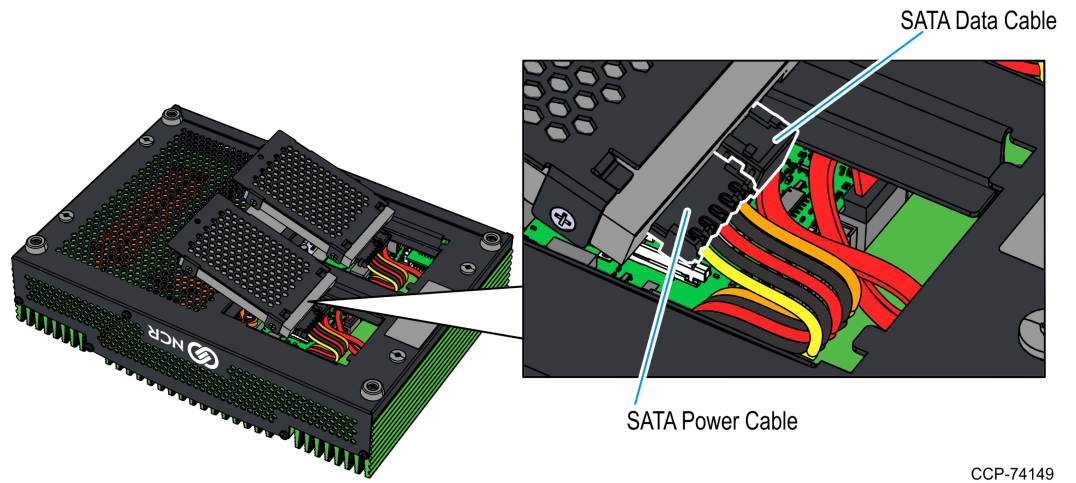
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- b. Lift and slide off the bracket from the back cover.

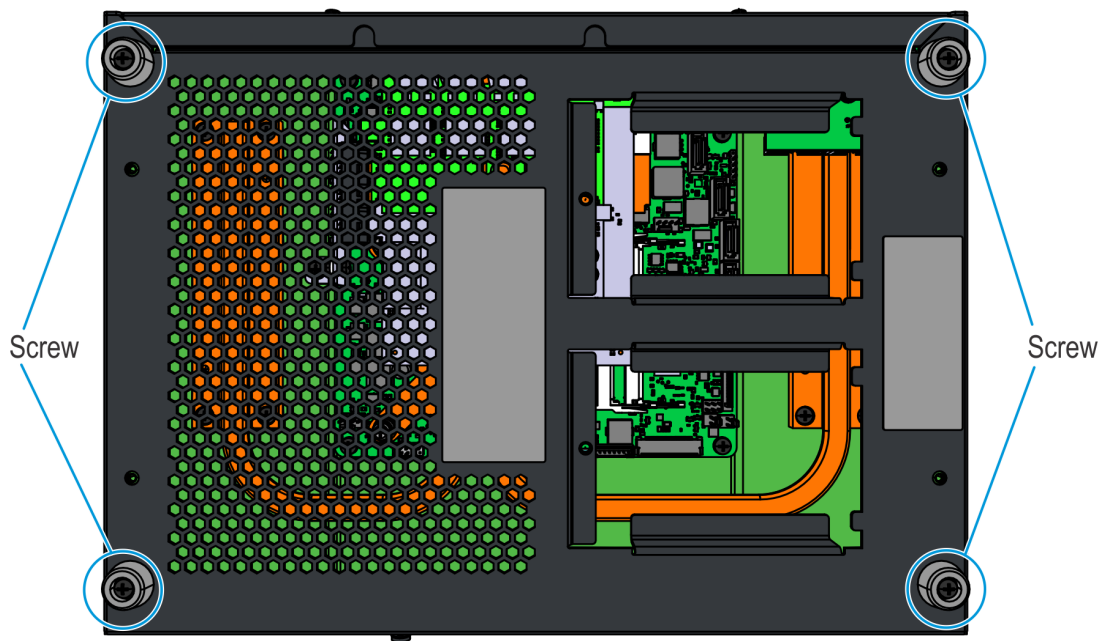


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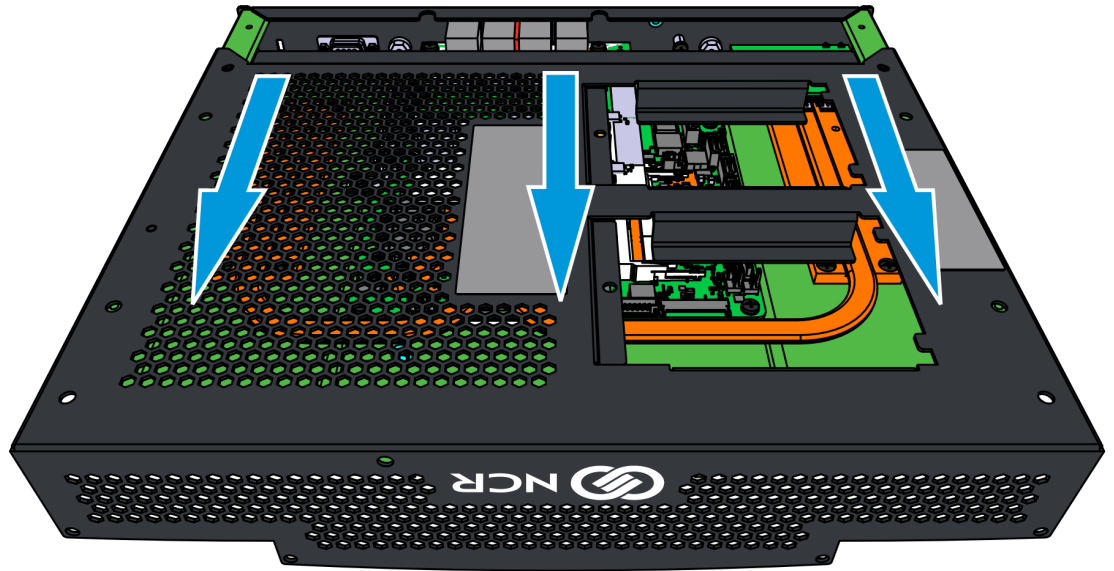
- c. Disconnect the SATA Data and Power cables from the solid state drive.



- 5. Using a Phillips screwdriver, remove the four rubber feet at the bottom of the N3000 unit.



- Slide the cover off the unit.

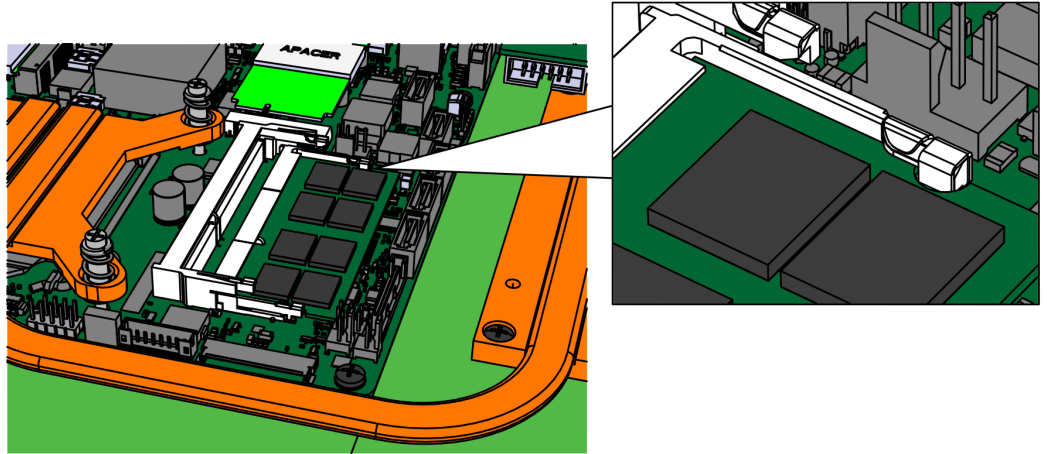


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Installing a RAM

To install a RAM, follow these steps:

1. If replacing a pre-installed RAM, follow these steps:
 - a. Release the two clips on each side of the RAM.



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- b. Hold the RAM on each side, and then slide the RAM off the slot.



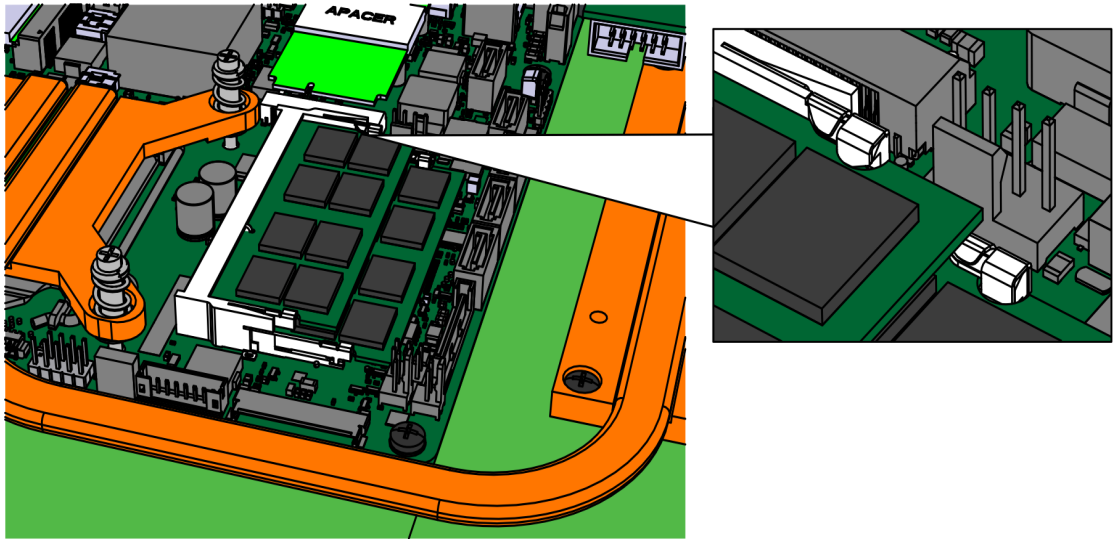
Caution: Avoid touching the contacts on the bottom or the circuitry on the board.

2. Use either a canned air type office supply cleaning equipment or a small vacuum to remove dust from the memory slot.

3. Insert the new RAM at an angle into the memory slot, and push downwards. Ensure that the clips on the sides click to secure the RAM.



Caution: Avoid touching the contacts on the bottom or the circuitry on the board.

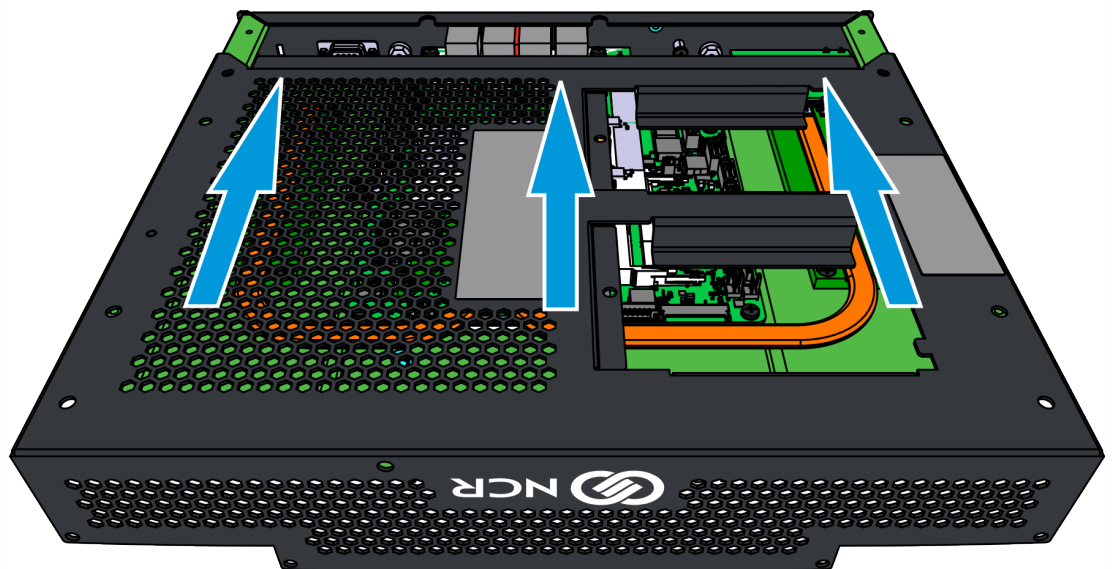


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Installing the bottom cover

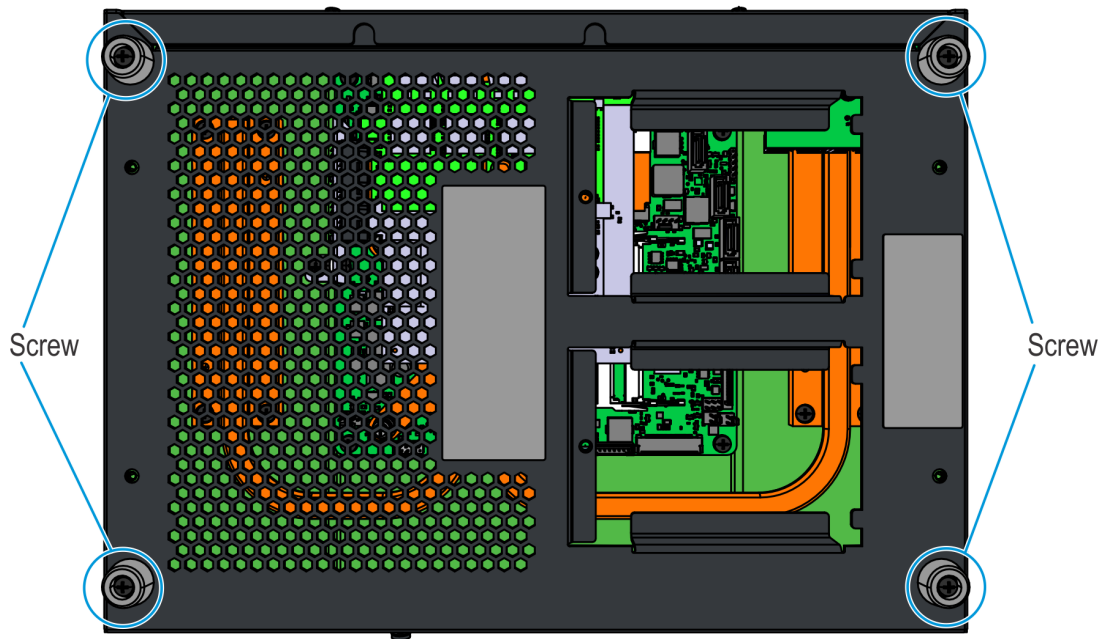
To install the bottom cover, follow these steps:

1. Slide the cover on the unit, under the I/O panel.



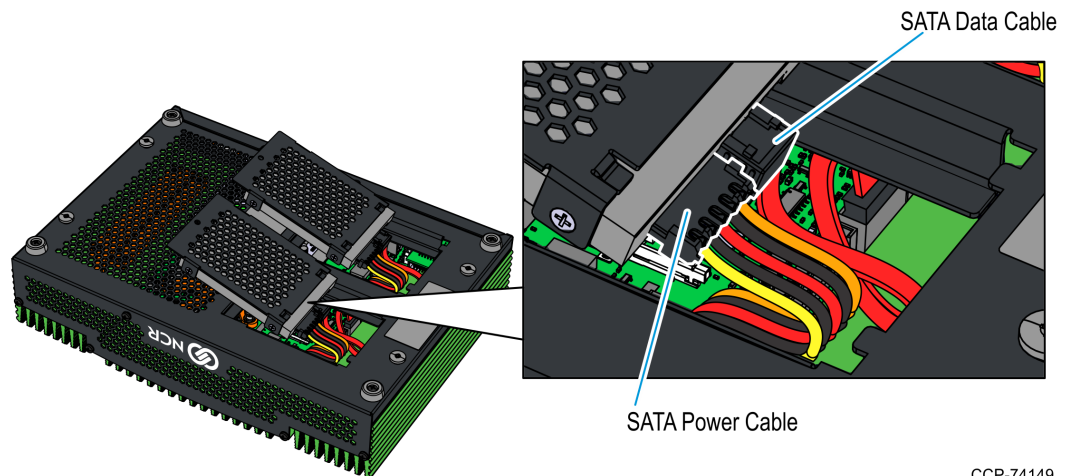
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2. Install the four rubber feet at the bottom of the N3000 unit.



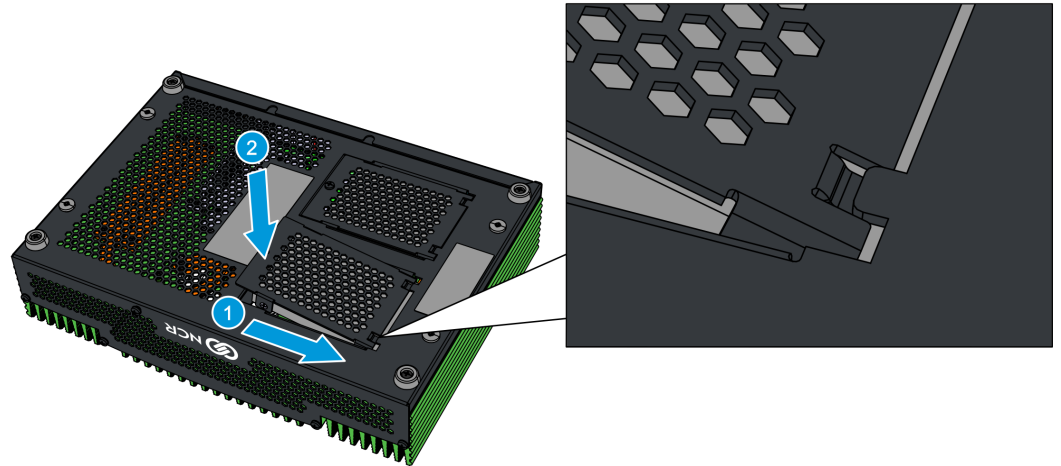
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3. Install the SSD brackets.
 - a. Connect the SATA Data and Power cables to the solid state drive.



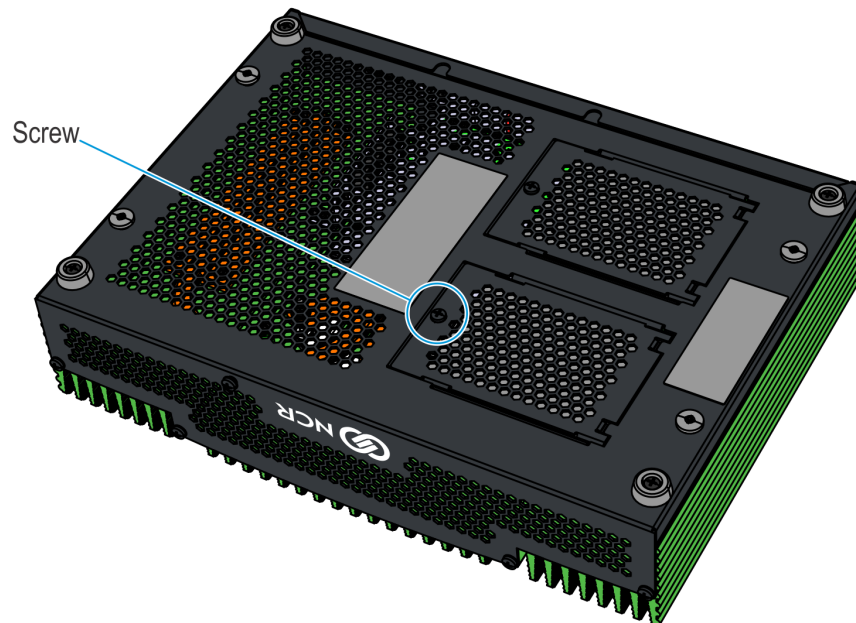
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- b. Slide in the bracket so that the bottom cover feet are on top of the bracket feet, and then push down the SSD bracket.



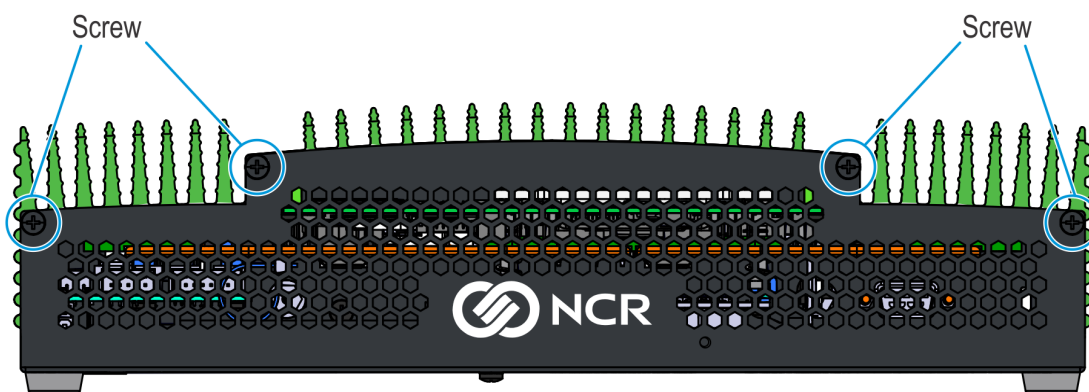
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- c. Secure the SSD bracket to the back cover using a screw.



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- Using a Phillips screwdriver, install the four screws on the front panel.



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