COMPAQ

2T-VCFAN-AA Fan Assembly Installation Information

EK-VCFAN-IN. A01

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Introduction

When DM3 option boards are installed in an AlphaServer 1000A 5/500 system, an auxiliary 2T-VCFAN-AA fan assembly (PN 70-33988-01) is required for extra cooling. This installation sheet provides the necessary information to install the 2T-VCFAN-AA fan assembly in an AlphaServer 1000A 5/500 system.

Table 1 lists the parts that are shipped with the 2T-VCFAN-AA fan assembly. Ensure that you have all of the parts before installing the fan assembly.

Table 1 2T-VCFAN-AA Fan Assembly Parts List

Description	Part Number	Qty.
Fan assembly bracket	74-53870-01	1
Fan assembly	74-53868-01	1
M3 x 12 mm screw	90-40005-04	3
M3 locking nut	90-40003-01	3
6-32 locking nut	90-06560-00	3

Installation

To install the 2T-VCFAN-AA fan assembly, refer to Figure 1 and perform the following procedure:

1. Perform an orderly shutdown of the AlphaServer system, power down the cabinet, and unplug the cabinet from the AC power source.

2. Fully extend the AlphaServer system on its slides.

3. Unlock the top cover by turning the key, located on the rear of the chassis, clockwise to the unlock position.

4. Insert two fingers into the finger grip on the rear edge of the top cover.

5. Slide the top cover toward the rear of the chassis and remove.

6. Wear an antistatic wriststrap and observe standard antistatic procedures while handling DM3 option boards.

7. Install the DM3 option boards in the PCI slots of the AlphaServer system.

8. Connect the CT bus cables with the proper number of connectors to the DM3 option boards.

9. Set the 2T-VCFAN-AA fan assembly bracket ❶ on top of the DM3 option boards (see Figure 1).

10. Insert two M3 screws ❷ through the top two holes in the left side of the AlphaServer system chassis and through the two holes in the 2T-VCFAN-AA fan assembly bracket (see Figure 1).

11. Secure the 2T-VCFAN-AA fan assembly bracket to the left side of the AlphaServer system chassis with two M3 locking nuts ❸ (see Figure 1).
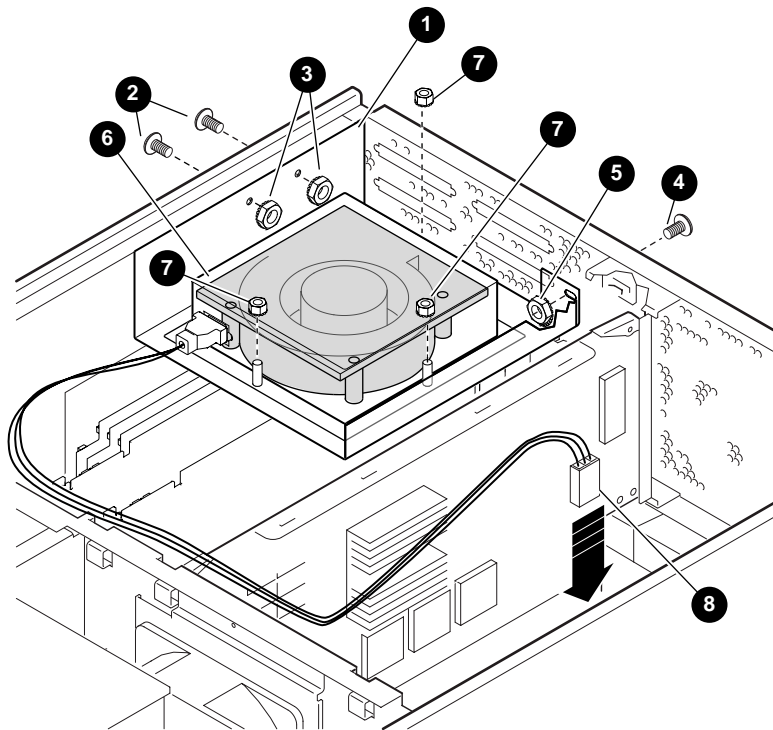

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12. Insert an M3 screw ❹ through a hole in the rear of the AlphaServer system chassis and through the hole in the 2T-VCFAN-AA fan assembly bracket (see Figure 1).

13. Secure the 2T-VCFAN-AA fan assembly bracket to the rear of the AlphaServer system chassis with an M3 locking nut ❺ (see Figure 1).

14. Align the three holes in the 2T-VCFAN-AA fan assembly ❻ with the three studs on the 2T-VCFAN-AA fan assembly bracket ❶ and set the 2T-VCFAN-AA fan assembly on the 2T-VCFAN-AA fan assembly bracket (see Figure 1). Ensure that the fan assembly output grill is toward the rear of the AlphaServer system chassis.

15. Secure the 2T-VCFAN-AA fan assembly ❻ to the 2T-VCFAN-AA fan assembly bracket ❶ with three 6-32 locking nuts ❼ (see Figure 1).

16. Connect the end of the 2T-VCFAN-AA fan assembly power cable ❽ to the J24 power connector on the system motherboard (see Figure 1).

To remove the 2T-VCFAN-AA fan assembly for adding additional DM3 option boards, power down the system, remove the top cover, and reverse steps 9 through 16 of the installation procedure.

Figure 1 Installing the 2T-VCFAN-AA Fan Assembly

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