Power Macintosh 7200: Multiple Logic boards (11/95)

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TOPIC --

This article discusses how to identify and service the Power Macintosh 7200.
Because this computer may ship with one of four different logic boards, service
providers and technicians need to know how to identify a particular logic board
and replace it with a similar module.

DISCUSSION ---

When the Power Macintosh 7200 series computers began shipping in August, 1995,
manufacturing used a combination of three different logic boards. At a future
date, a fourth logic board will be added to manufacturing that will support a
lower voltage processor. Multiple logic boards are being used to meet the
manufacturing demands for this computer.

IMPORTANT: All of the logic boards are functionally equivalent. However, when
replacing logic boards service providers must replace the logic board with the
same board that was removed. The logic boards are not interchangeable and will
be listed separately in the Module ID guide, Service Price Pages, and the
Service Source CD.

For identification purposes, the Module ID guide lists the last three characters
of the module serial number embedded in the EEE barcodes, which are the serial
numbers imprinted on a sticker on the logic board

Below is a list of the logic boards and corresponding part numbers and EEE
barcodes.

Begin_Table

Shipping and Stocked in Service Inventory
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Logic Board	Part Number	Code Name	Notes	EEE Barcodes
7200/75	661-1000	Lite	Does not require	5RM

Logic Board	Part Number	Code Name	Notes	EEE Barcodes
			auxiliary fan or Peltier device. 75 Mhz 601	
7200/90/601	661-0979	Heavy	Requires auxiliary fan and Peltier device. 90 Mhz 601	5RK
7200/90/601+	661-1059	Heavy +	Does not require auxiliary fan or Peltier device. 90 Mhz 601+.	6B0 (zero)

Not Shipping--Future Roll-in (Low voltage)
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Logic Board	Part Number	Code Name	Notes	EEE Barcodes
7200/90/601+	N/A	Heavy +/LV	Low Voltage version of 661-1059, 90 Mhz 601+. Will be rolled into future product. No announced time frame.	N/A

Related Issues
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Question: Will I receive the auxilliary fan if I order the 7200/90/601 (661-0979) logic board ?

Answer: Although required, the auxiliary fan is not included in the 7200/90/601 service logic board kit. The auxiliary fan remains with the CPU if the logic board requires the fan. If necessary, the fan can be ordered separately using part number 922-1736.

Question: Can the auxiliary fan be installed with both the 7200/90/601 (661-0979) and 7200/90/601+ (661-1059) logic board versions?

Answer: No, the fan can only be installed on the 7200/90 with the 601 logic board (661-0979). Remember, "like-for-like" replacement is required. With the I/O ports facing away from you, the auxiliary fan connector is at location J70 at the upper left of the logic board.

Question: Do both the 7200/90/601 and 7200/90/601+ versions use the thermo-electric heatsink (Peltier device)?

Answer: No, only the 7200/90/601 (661-0979) uses the Peltier device.

Question: When I ordered the 7200/90/601 (661-0979) logic board I received a
7200/90/601+ (661-1059) logic board instead which does not require the
auxilliary fan. It is also missing the connector on the logic board for the
auxilliary fan. Do I need to use the auxilliary fan?

Answer: The Power Mac 7200/90/601+ (661-1059) logic board does not require the
auxilliary fan. If you are installing a logic board that does not require an
auxilliary fan into a Power Macintosh 7200/90 that included the auxilliary fan,
you do not need to connect the auxilliary fan. Either leave the fan disconnected
or remove the auxilliary fan.

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