



Welcome to the Powerlogix online service guide. We're going to assist you step-by-step with removing your iMac's logic board. No special electronics skills are necessary, and if you follow our directions, you should have the job completed in well under 30 minutes. So let's get started!

iMac logic board removal instructions



Make sure you have a slot loading CD-ROM drive and your processor speed is from 350 MHz to 500 MHz. This upgrade has no effect on your hard drive, but now is a good time to backup your data. With your data secure, turn off the computer and remove ALL cables, including the power cable, keyboard and all peripherals.

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iMac logic board removal instructions



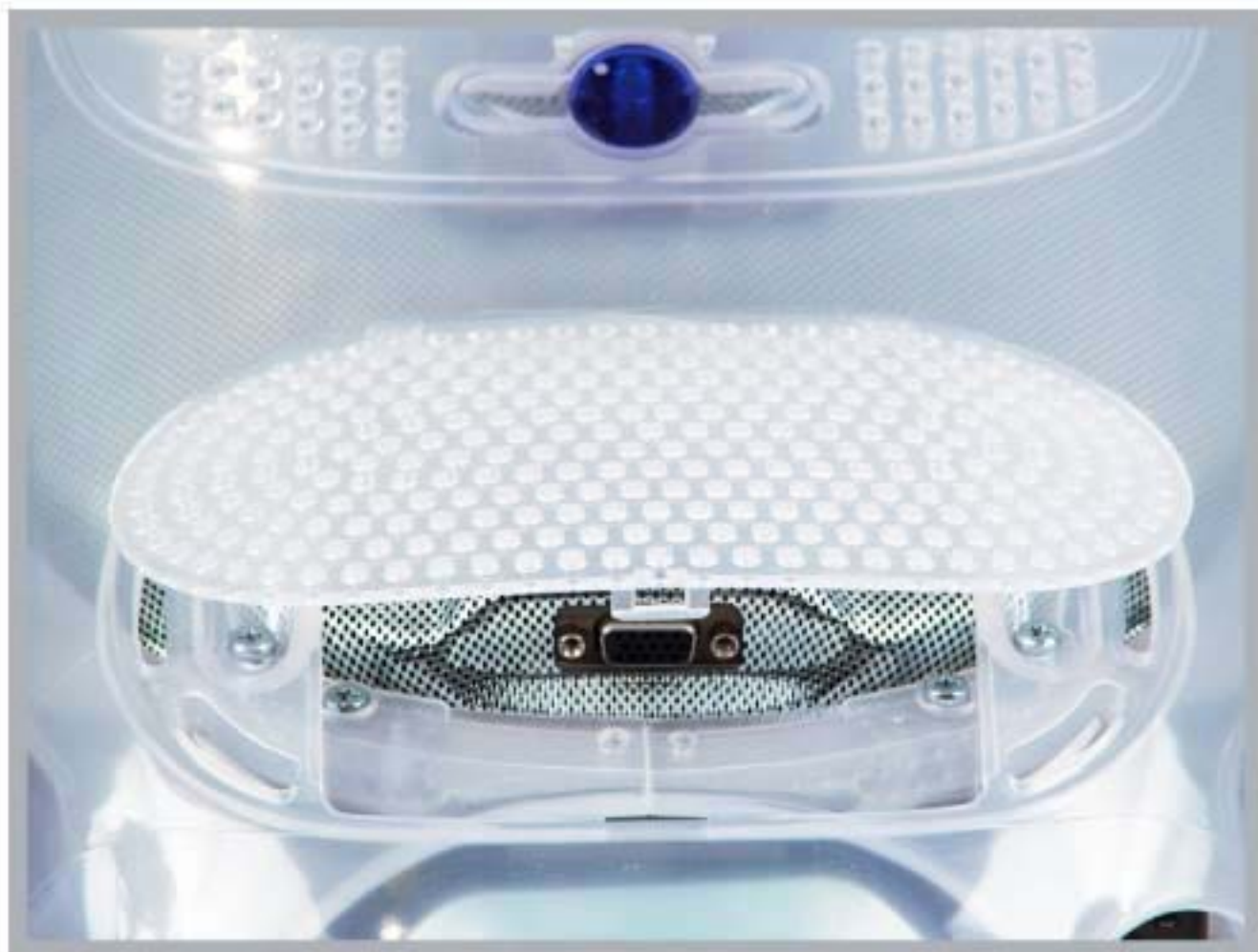
Place the iMac on a safe surface, carefully turn it upside down and remove the two screws near the front stand.

Nearly all the screws in this process are different lengths, so carefully mark these screws and set them aside.

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iMac logic board removal instructions



With a flat head screwdriver, carefully pry off the plastic, oval plate on the back of the iMac.

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iMac logic board removal instructions



With the oval plate removed, you'll see four more screws. Remove these and set them aside. Make a note of the different lengths. Keeping your screws organized is 80% of this job.

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Pry off the lower shell of the iMac by first lifting the rear of the shell about 3" as shown. With the rear lifted, pull up and towards your body until it releases. There are two interlocking tabs on the front of the monitor that need this angle to dislodge. There will be some stress the first time the lower shell has been removed.

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Guess what? More screws. Remove the six steel cage screws with the supplied magnetic screwdriver, being especially careful to not let them fall into the iMac.

Mark these screws and set them aside.

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iMac logic board removal instructions



Remove the steel cage being extra careful of the sharp edges.

Set it aside in a safe place.

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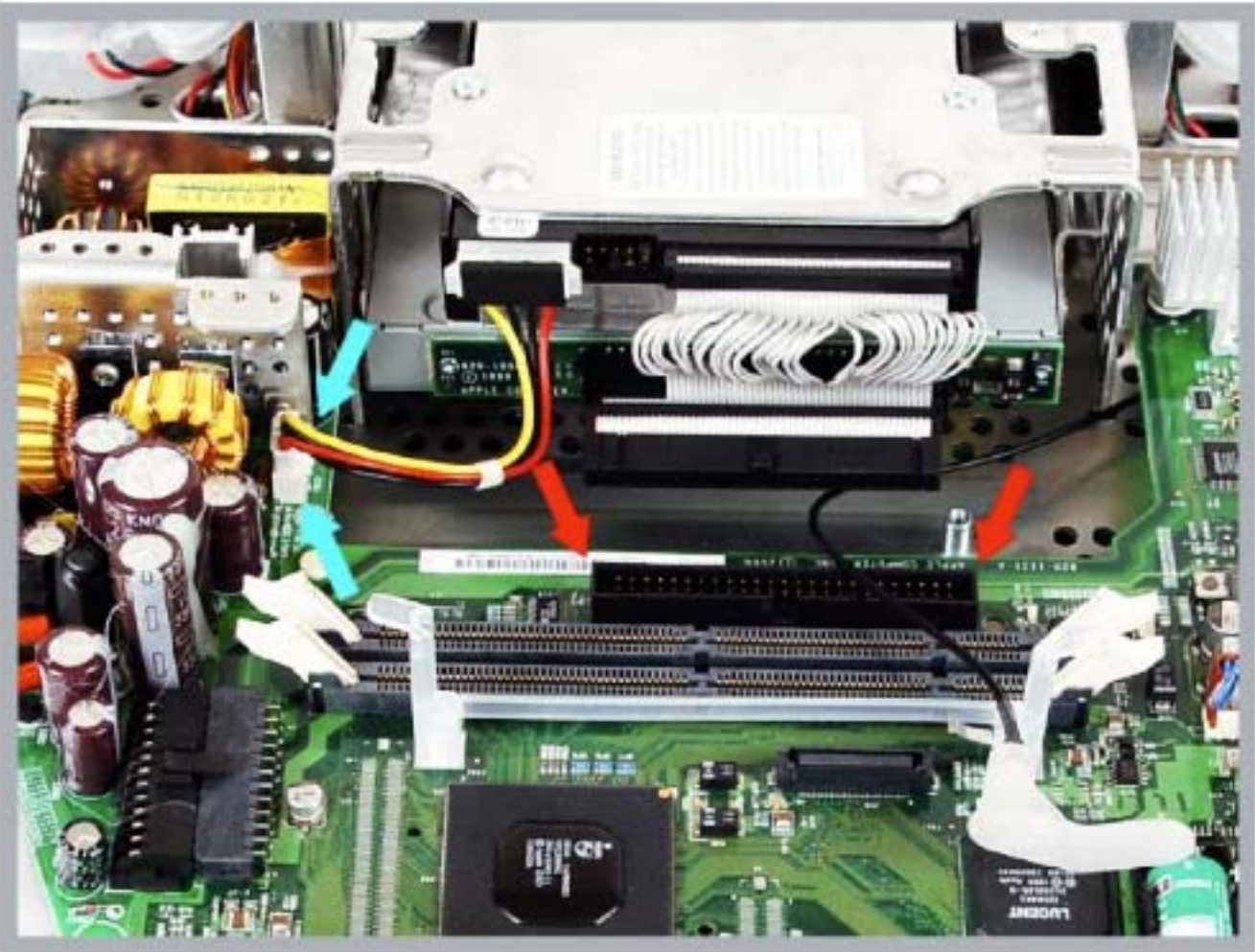


Remove the installed memory by spreading the white tabs, and lifting straight up. Be careful to not touch the contacts. Store the memory in a safe location, preferably an anti-static bag.

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Remove the hard drive data ribbon cable from the logic board by gently rocking from one side to the other as shown by the red arrows.

Remove the hard drive power cable from the logic board as shown in the light blue arrows. Note the small locking tab on the connector.

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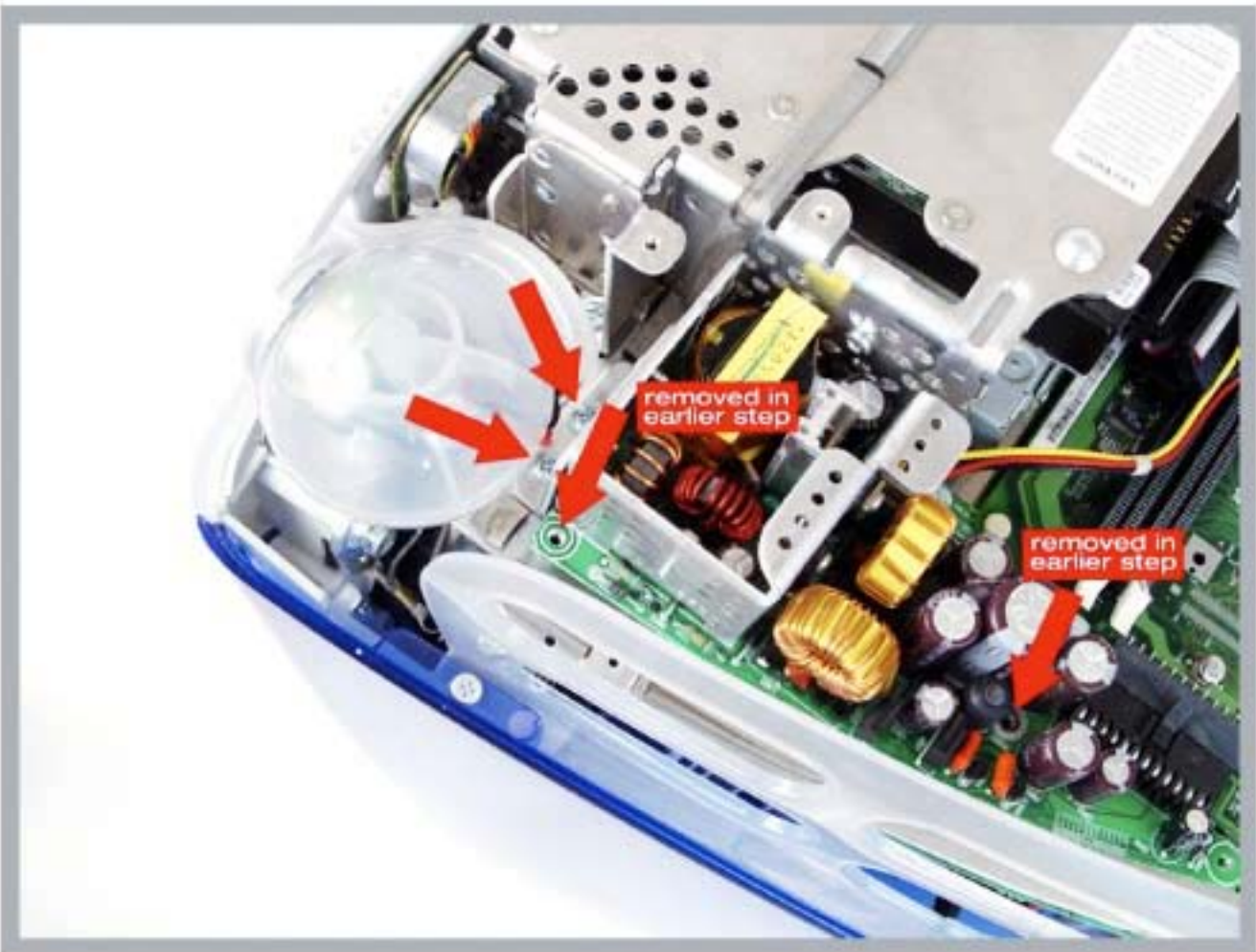
Screws, screws, screws. Nine on this page. You know what to do.

When you're done, set them aside and label them "logic board screws".

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Two more screws...we're almost done...

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You should have eleven logic board screws, if you missed one, chances are it's this one hiding behind the heat sink.

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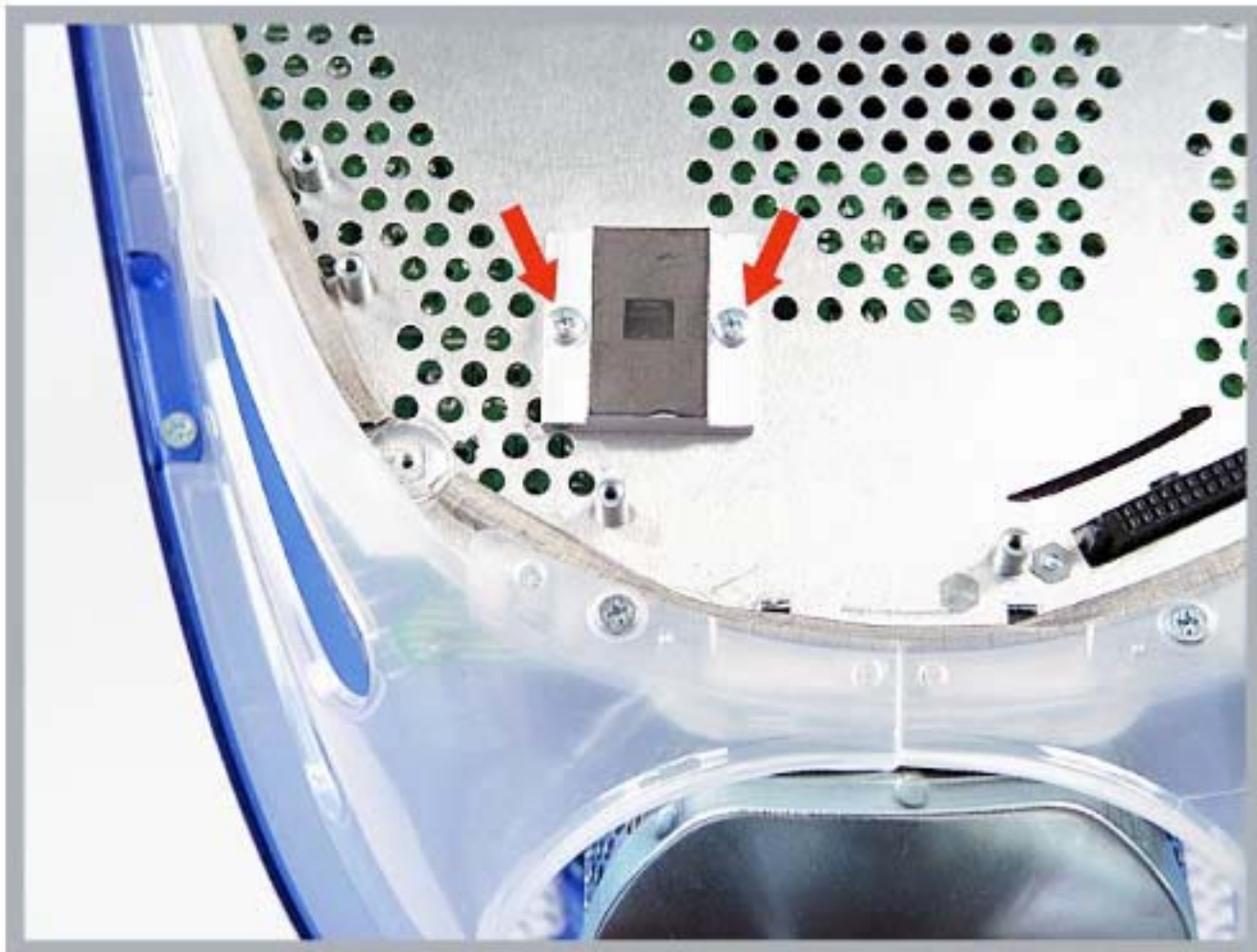


With all the screws removed, the logic board can easily be removed from the iMac. Set it carefully on the large anti-static bag provided.

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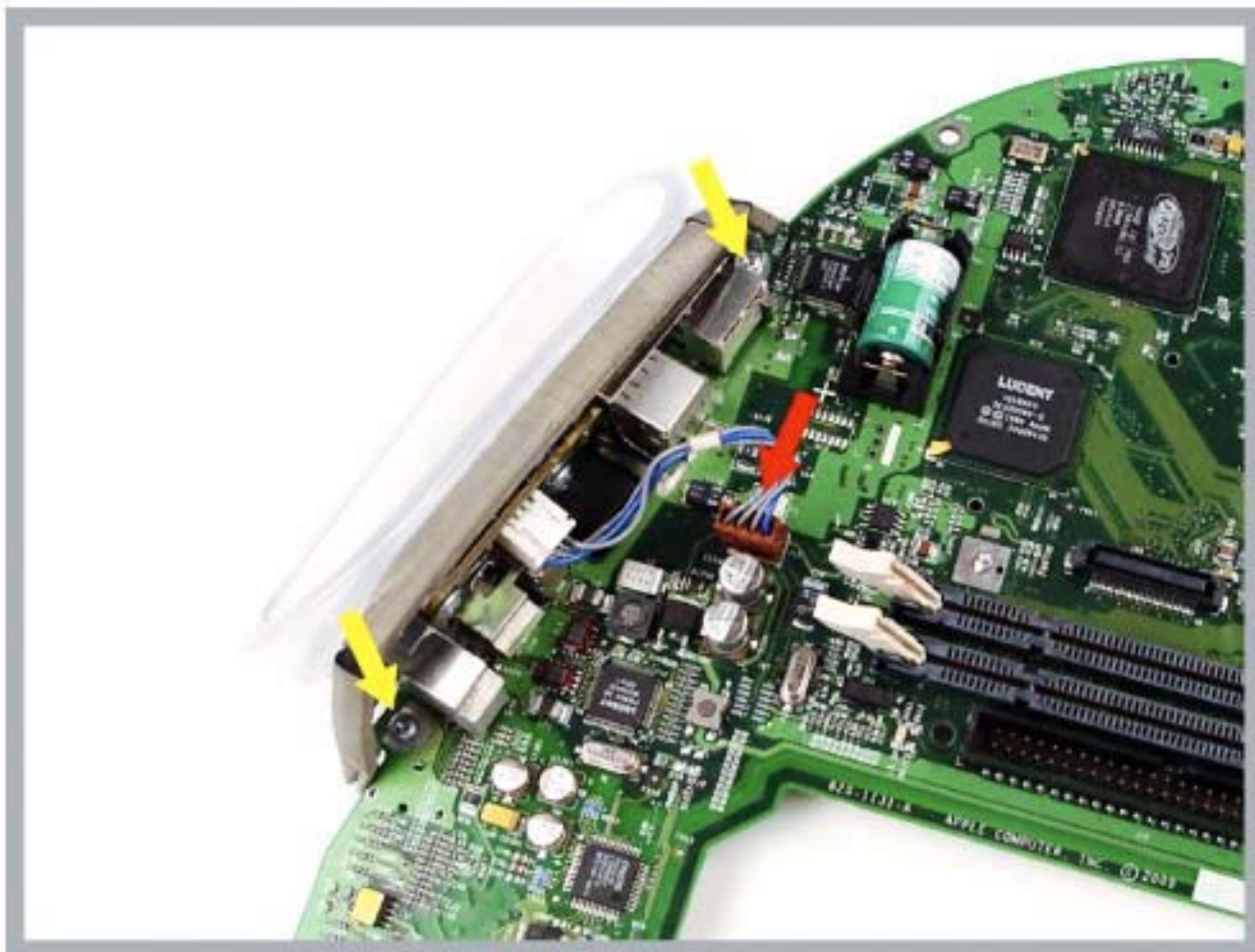


Remove the heat sink from the iMac. It will be replaced by another heat sink supplied by us. As always, save your screws.

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Remove the oval port guard by carefully lifting the cable and connector shown by the red arrow from the logic board.

Then remove the two screws indicated by the yellow arrows.

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Carefully turn the logic board over and remove the LAST screw!

Separate the oval port guard from the logic board. The iMac logic board is now ready to be packaged and shipped to us for the upgrade. Click on the "next" link to return to the Powerlogix main page.