MEGATOUCH

Ion Memory Upgrade

Ion Memory Upgrade

CONTENTS:

QTY	PART NUMBER	DESCRIPTION
1	EC0146-06	512 MB MEMORY DIMM

CAUTION: Before handling the boards, or any components on the board, it is important to remove any static electricity from your body by touching a grounded piece of metal on the game. Failure to ground yourself before performing an upgrade may result in damage to your system and may prevent you from performing the upgrade. Avoid walking around with the memory in your hand after you have removed it from the box. This could cause static to build up.

IMPORTANT: You **MUST** remove the original memory in your game and replace it with the memory provided in this kit. Simply adding the additional memory can cause incompatibility issues.

Follow the instructions for your cabinet type.

Ion Aurora Installation Instructions

NOTE: *This memory is not compatible with Aurora Widescreen games. It can only be used for Standard Aurora games. For memory that is compatible with Aurora Widescreens, please contact your distributor.*

1. Turn off and unplug the game.

2. Unlock the rear door and open if it is hinged, or remove if it is detachable.

3. Reach under the center of the top of the cover to locate the rotary draw latch (see Figure 1). Turn the wing on the latch counterclockwise to disengage.

4. Unscrew the thumbscrew located in the center of the bottom of the cover (see Figure 1). Slowly lift the cover and disconnect the ground wire.

5. Disconnect the power cord from the power supply. Remove the wing nut securing the OSD board. Then, detach the board from the Velcro on the power supply bracket and set the board aside.

6. Remove the electronics tray by unscrewing the thumbscrew located in the middle of the rear of the tray and sliding the tray out (see Figure 1). If applicable, disconnect the three black connectors (10-, 11- and 12-pin) connecting the electronics tray to the game in order to slide the tray out further. If your game does not have these connectors, the harness is long enough to remove the tray.

7. Move the hard drive/power supply tower out of the way of the motherboard by tilting it on its hinge 90 degrees to the left and supporting (if necessary).

LATCH
SECURING
REAR COVER

THUMBSCREW
SECURING
REAR COVER

HINGE
TO ALLOW
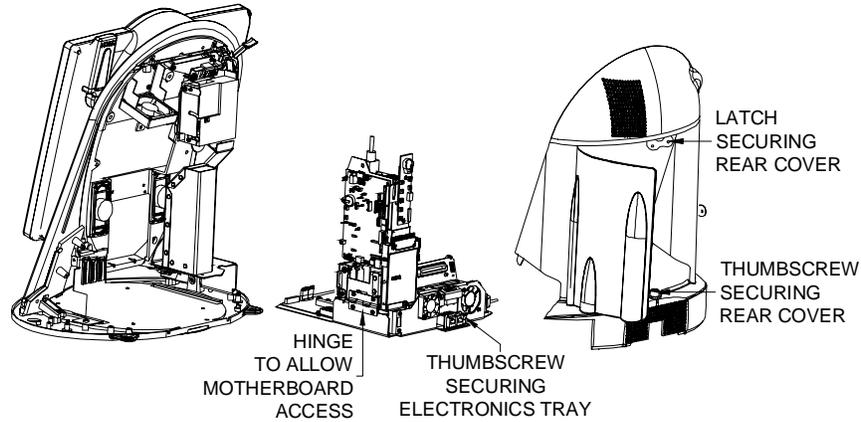MOTHERBOARD
ACCESS

THUMBSCREW
SECURING
ELECTRONICS TRAY

FIGURE 1 - AURORA WITH REAR COVER AND ELECTRONICS TRAY REMOVED

8. Use Figures 4-5 to determine what type of motherboard is in your game. Then locate the DIMM sockets on the motherboard.

9. Take note of which socket the memory is using and then simultaneously press down on the two tabs on either side of the strip to release it from the socket.

10. Remove the DIMM strip from the board and place it in an anti-static bag for storage.

11. Line up the notches on the replacement DIMM strip with the notches on the DIMM socket (the same socket where the original DIMM strip was located). Making sure that the notches are lined up will ensure that the strip is facing the correct way. Then, carefully, but firmly and evenly, press down on the memory to insert it into the socket. The tabs on either side of the socket will latch onto the edges of the DIMM when it is correctly installed.

12. Restore the hard drive/power supply tower to its upright position, and slide the electronics tray back into place, making sure that the connectors on the

back of the hard drive bracket click into the connectors on the wall of the game, if applicable. If you disconnected three connectors from the electronics tray to the game, reconnect them. Secure the tray by screwing in the thumbscrew (see Figure 1).

13. Reconnect the power cord to the power supply. Reattach the OSD board to the Velcro on the power supply bracket and secure it with the wing nut (see Figure 1).

14. Reconnect the ground wire to the rear cover and lower the cover into place, carefully lining up the 2 tabs on the cover with the 2 mating holes on the sides of the game. Make sure the plastic lip on the bottom of the rear cover is behind the metal base.

15. Tighten the screw securing the bottom of the rear cover. Then, turn the wing on the draw latch clockwise to engage the latch (see Figure 1).

16. Close (or reattach) and lock the rear door.

17. Plug in and turn on the game.

Ion eVo, eVo Wallette and Elite Edge Installation Instructions

1. Turn off and unplug the game.

2. Unlock and open the CPU section to gain access to the motherboard (see Figure 2).

3. Use Figures 4-5 to determine what type of motherboard is in your game. Then, use those Figures along with Figure 2 to locate the DIMM sockets on the board.

4. Take note of which socket the memory is using and then simultaneously press down on the two tabs on either side of the strip to release it from the socket.

5. Remove the DIMM strip from the board and place it in an anti-static bag for storage.

6. Line up the notches on the replacement DIMM strip with the notches on the DIMM socket (the same socket where the original DIMM strip was located). Making sure that the notches are lined up will ensure that the strip is facing the correct way. Then, carefully, but firmly and evenly, press down on the memory to insert it into the socket. The tabs on either side of the socket will latch onto the edges of the DIMM when it is correctly installed.

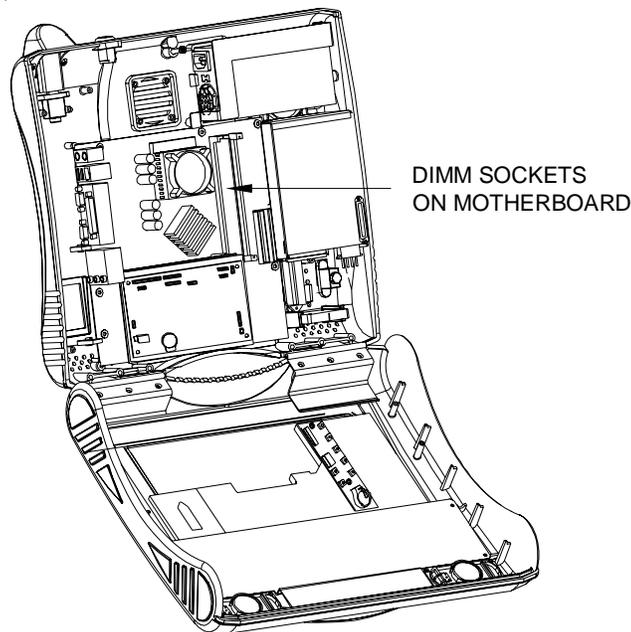7. Close and lock the CPU section and then restore power to the game.

DIMM SOCKETS
ON MOTHERBOARD

FIGURE 2 - ION EVO, ELITE EDGE, AND EVO WALLETTE CPU SECTION OPENED

Ion Fusion Installation Instructions

1. Turn off and unplug the game.

2. Remove the two screws securing the electronics box cover (see Figure 3) and gently lift the cover as much as the cabling will allow. To completely remove the cover of the electronics box, disconnect the hard drive ribbon cable from the motherboard, disconnect the 4-pin hard drive power connector from its mating connector inside the electronics box, and disconnect the connector from the control board.

3. Use Figures 4-5 to determine what type of motherboard is in your game. Then, use those Figures along with Figure 3 to locate the DIMM sockets on the motherboard.

4. Take note of which socket the memory is using and then simultaneously press down on the two tabs on either side of the strip to release it from the socket.

5. Remove the DIMM strip from the board and place it in an anti-static bag for storage.

6. Line up the notches on the replacement DIMM strip with the notches on the DIMM socket (the same socket where the original DIMM strip was located). Making sure that the notches are lined up will ensure that the strip is facing the correct way. Then, carefully, but firmly and evenly, press down on the memory to insert it into the socket. The tabs on either side of the socket will latch onto the edges of the DIMM when it is correctly installed.

7. Reconnect the hard drive ribbon cable to IDE 1 on the motherboard, the 4-pin hard drive power connector to its mating connector and the connector to the control board. Replace the cover of the electronics box and secure it with the same 2 screws.

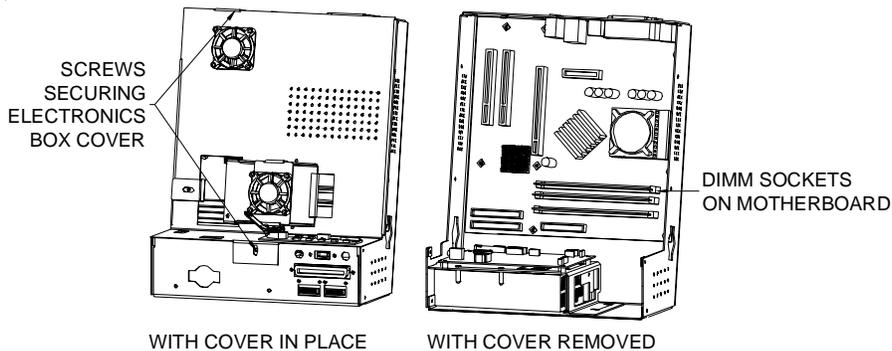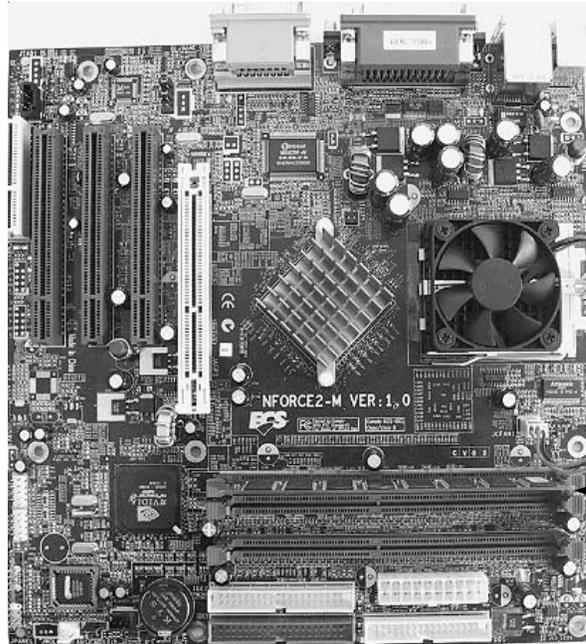8. Close and lock the bezel and then restore power to the game.

SCREWS SECURING ELECTRONICS BOX COVER

DIMM SOCKETS ON MOTHERBOARD

WITH COVER IN PLACE   WITH COVER REMOVED

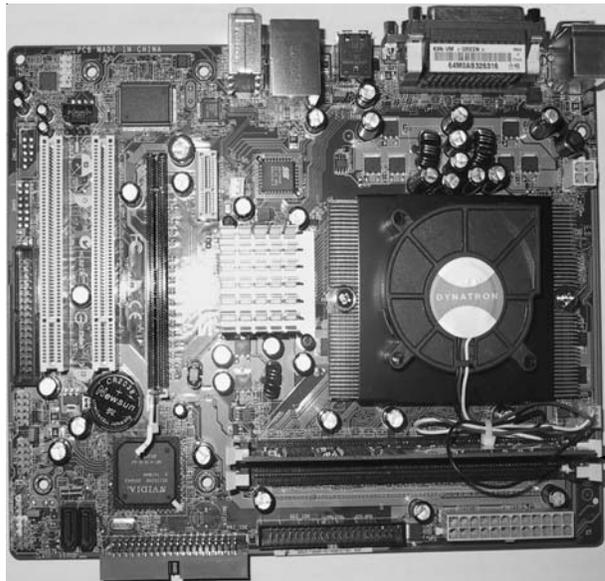FIGURE 3 - ION FUSION ION ELECTRONICS BOX

ION MOTHERBOARDS

DIMM
SOCKETS ON
MOTHERBOARD

FIGURE 4 - ION ECS MOTHERBOARD

DIMM
SOCKETS ON
MOTHERBOARD

FIGURE 5 - ION ASUS MOTHERBOARD

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