

Adding RAM to ITOX Computers Running Windows XP

NOTE *Print this article for your customers if they need instructions on installing additional memory sticks in the ITOX computer used in their SLA system.*

Customers with SLA systems utilizing the ITOX computer and Windows XP operating system may want to increase the amount of RAM available. Windows XP will run on the 128 MB of RAM already available in the ITOX computer, but it will perform better with 384 MB (so two additional 128 MB DIMMS would need to be purchased). They can order the memory sticks from 3D Systems (P/N 20169-108-00) or they can purchase compatible memory from other sources.

Instructions for Installing Additional RAM

- 1 Shut down Windows XP.
- 2 Turn OFF the SLA system by pushing the OFF switch on the front of the machine.
- 3 Remove the right-rear panel of the machine by loosening the captive screws on the top of the panel.

NOTE *You may have to unplug the fan cables to remove the panel.*

- 4 Unplug the cables at the back of the computer and disconnect the braided ground strap if applicable.
- 5 Remove the computer from the machine.

NOTE *You may have to loosen the computer strap that goes over the top of the computer.*

- 6 Open the computer case.

- 7 Install one 128 MB RAM stick into the empty slot next to the original RAM.
 - a Gently rock the RAM stick back and forth while pressing down on the top-edge of the stick with your fingertips.
 - b Once the RAM stick is seated firmly in the slot, pull back on it. The locking mechanisms on the sides will automatically lock the stick in place.
 - c Repeat these steps for the remaining RAM stick.
- 8 Install the computer cover.
- 9 Place the computer back into the SLA system.
- 10 Plug all cables into the back of the computer.
Verify that the serial cable is plugged into COM1.
- 11 Replace the right-rear panel on the SLA system.
- 12 Turn on the machine by pushing the ON switch on the front of the machine.
NOTE *If the computer does not boot, repeat this procedure and ensure the RAM is properly seated.*
- 13 Double-click the Buildstation icon on the desktop to launch Buildstation.

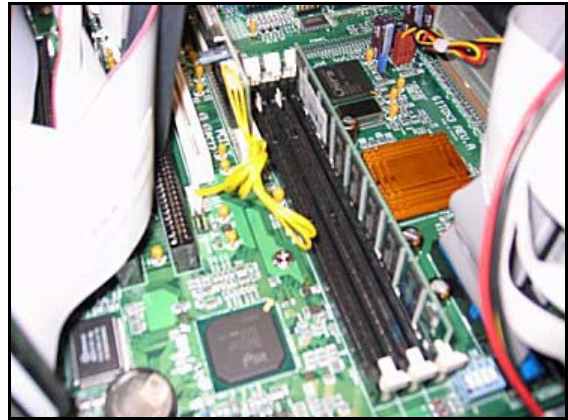


Figure 5 Empty memory slots

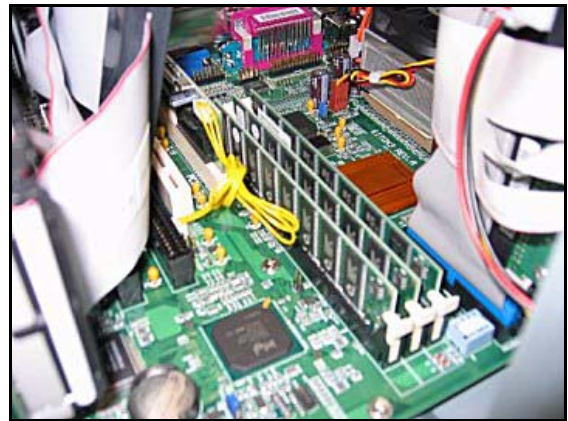


Figure 6 RAM sticks locked in place