

CICP18MEM8MB

8MB Memory Module

Installation Instructions

GENERAL INFORMATION

The CICP18MEM8MB 8 MB Memory Module is installed directly into the CICP18ACCBBD Accelerator board (see installation instructions WI1593 for more information regarding the installation of the CICP18ACCBBD Accelerator board).

Note: If desired, the Memory Module(s) can be installed into the Accelerator board *before* the Accelerator board is installed into the control panel motherboard. *NEVER use standard PC-type 72 pin Dynamic RAM SIMM devices in place of the CICP18MEM8MB 8 MB Memory Module.*

INSTALLATION

1. Before installation, verify that the panel and Accelerator board are both working correctly. Verify that both the OK lamp (LED) on the Accelerator board and the heartbeat lamp on the motherboard (location T1) blink in unison once per second.

2. Prior to opening the Memory Module package or touching anything inside the control panel enclosure, discharge any static electricity from your body or clothing. Use a grounded wrist strap or touch an unpainted, grounded metal object such as the metal frame of the panel enclosure.

3. Inside the panel housing, remove power from the main control panel PCB by pushing the POWER plug connector (located on the lower right of the PCB) downward until the connector is completely separated from the PCB. Do not disconnect the battery wires. See Fig. 1 below.

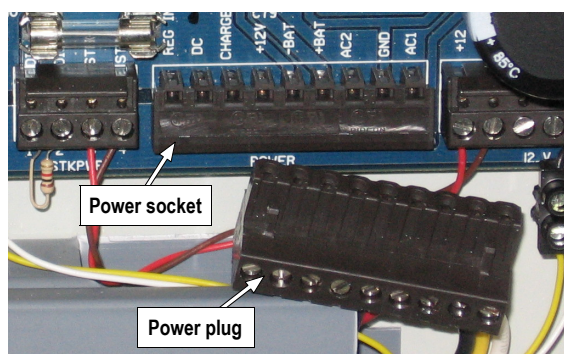


Fig. 1: Push POWER plug downward until removed.

4. Move the MEMORY BACKUP CELL jumper to the IN position to remove power from the static RAM, thus making installation safer for the memory components (see Fig. 2).

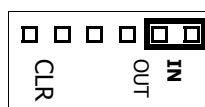


Fig. 2: "IN" Position

5. **Note:** Do not bend the Memory Module(s). Touch only the edges. The motherboard sockets and the Memory Modules are both

keyed to ensure foolproof installation (each socket in the panel motherboard contains a small bridge that aligns with a notch in the bottom edge of each module). The bridge and the notch allow the Memory Module to be installed only in the correct direction.

- If installing only one Memory Module, insert the module into the left bank.
- If installing two Memory Modules, *insert the first module into the right bank, then insert the second module into the left bank.*

6. **Align the Memory Module:** With the module angled to the left, align the module with the socket, then completely insert the module into the socket as shown in Fig. 3, below.

If you encounter any problems inserting the module, stop and verify the notch and the plastic bridge are properly aligned. NEVER force the Memory Module into the socket; if excess force is used, damage to both the module and the motherboard socket could result.

Seat Memory Module: Push the module to the right until the "ejector clips" at each end of the socket click into place, securing the module (see Fig. 4, below).

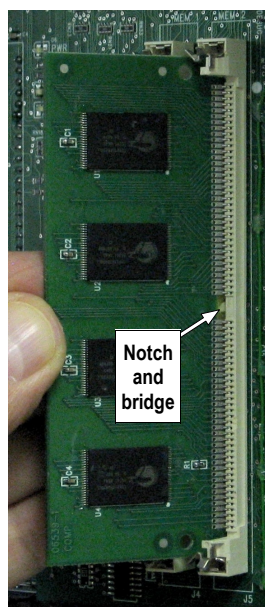


Fig. 3: Align the module.

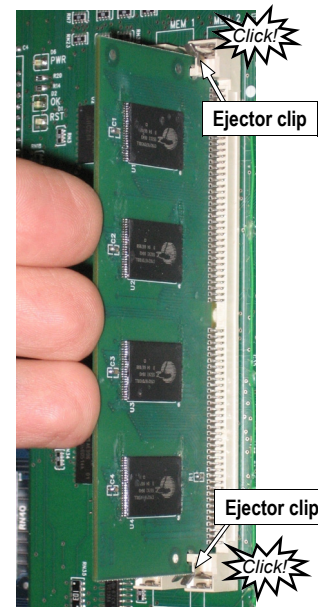


Fig. 4: Seat the module.

7. Re-connect power from the main Superterm PCB by pushing the POWER plug upward into the PCB. Verify that the OK lamp (LED) on the Accelerator board blinks in unison with the OK lamp on the Accelerator board (once per second).

Note: Be sure the MEMORY BACKUP CELL jumper is in the IN position to provide memory data retention (see Fig. 2)..