



MYRIAD MEMORY

Installing Memory into your Cisco Device

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I. Safety Warnings

Equipment must be grounded. Never defeat the ground conductor or operate the equipment in the absence of a suitably installed ground conductor. Contact the appropriate electrical inspection authority or an electrician if you are uncertain that suitable grounding is available.

- Before working on a system that has an on/off switch, turn OFF the power and unplug the power cord.
- Do not work on the system or connect or disconnect cables during periods of lightning activity.
- Before working on equipment that is connected to power lines, remove jewelry (including rings, necklaces, and watches). Metal objects will heat up when connected to power and ground and can cause serious burns or weld the metal object to the terminals.
- Hazardous network voltages are present in WAN ports regardless of whether power to the unit is OFF or ON. To avoid electric shock, use caution when working near WAN ports. When detaching cables, detach the end away from the unit first.
- Before opening the unit, disconnect the telephone/network cables to avoid contact with telephone/network voltages.
- *Do not*, under any circumstances, tamper with or attempt to remove the safety shields protecting the WIC/HWIC slots and connectors on any Cisco device.
- Rack-mounted devices must be removed from the rack and positioned on a flat surface before you start removing the cover.
- If rack-mounting brackets are attached to the chassis, remove them using a Phillips screwdriver.
- To prevent damage to the chassis, do not pry on the plastic bezel or on the ears at either side of the chassis on the rear.
- Lift the cover free of the device chassis.
- Place the device bottom on an antistatic mat, and begin installing modules.

II. Installing DRAM DIMMs

When you remove or install DIMMs, always wear an ESD-preventive wrist strap, and ensure that it makes good contact with your skin. Connect the equipment end of the wrist strap to the metal part of the chassis.

Handle DRAM DIMMs by the edges only. DIMMs are ESD-sensitive components and can be damaged by mishandling.

Locate the DRAM DIMM on the system board.

Remove any existing DIMM by gently pulling the spring-loaded clips on the end of the socket far enough to clear the DIMM, and gently pulling the DIMM up and away from the socket.

Firmly press the DIMM into the socket until the spring-loaded clips on the socket snap over the end of the DIMM.

III. Installing Mini Flash Card (MFC) Memory

Locate the module slot on the motherboard. Hold the module with the notched edge away from you.

Insert the module into the module slot at a 45-degree angle.

Press down firmly on the module until you hear a clicking sound and the module is firmly inserted in the slot.

IV. Installing FLASH SIMMs

Locate the SIMM slots in the device.

If necessary, remove the existing SIMMs by pulling outward on the connector holders to unlatch them. The connector holds the SIMM tightly, so be careful not to break the holders on the SIMM connector.

To prevent damage, do not press on the center of the SIMM. Handle each SIMM carefully.

Position the new SIMM so that the polarization notch is located at the left end of the SIMM socket.

To prevent damage, note that some flash memory SIMMs have the components mounted on the rear side; therefore, when inserting the SIMM, always use the polarization notch as a reference and *not* the position of the components on the SIMM.

Insert the new SIMM by sliding the end with the metal fingers into the SIMM connector socket at approximately a 90° angle to the system card. Gently rock the SIMM back into place until the latches on both sides snap into place. Do not use excessive force, because the connector might break.

If you have any questions or need any technical assistance, please use the following contacts:

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