



Dialogic[®] IMG 1010 Memory DIMM

Replacement Guidelines

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1. Overview

This document describes how to replace the IMG 1010 DIMM. This procedure requires IMG 1010 Memory DIMM kit IMG-MEM-1000.

2. Guidelines

Use to following guidelines to replace the DIMM.

Note: General technical knowledge and memory DIMM replacement experience is assumed. Electrostatic Discharge (ESD) equipment and procedures must be followed.

1. Shut down power.
2. Remove the existing tray.
 - For the AC Chassis:
 - Set power to OFF (O) at rear of docking station.
 - Loosen the two ejector captive fasteners located on each side of the front panel.
 - Lift the ejectors upward and pull to unseat tray from docking station.
 - Slide tray completely out.
 - For the DC Chassis:
 - The DC tray is hot swappable, so there is no on/off switch on rear of panel.
 - Loosen the two ejector captive fasteners located on each side of the front panel.
 - Lift the ejectors upward and pull to unseat tray from docking station.
 - Slide tray completely out.
3. Place the tray on ESD work surface.
4. Remove the DIMM:
 - a. Open clips on either end of DIMM (board reference designator U35).
 - b. Pull out DIMM and set aside on an ESD surface.
5. Add the new DIMM:
 - a. Ensure that clips are open.
 - b. Remove DIMM from packaging.
 - c. Align DIMM such that the notch matches the notch in the connector.
 - d. Press DIMM in, squeezing from the edge of the DIMM to back edge of the connector for leverage until memory clicks into place.
 - e. Ensure memory clips are fully closed.

Guidelines

6. Install the new tray:

- a. Align rail on each side of the tray with the guides on the inside of the docking station.
- b. Ensure the ejectors are in the up position.
- c. Slide the tray in until the power connectors and signal connectors initially mate. The ejectors will start to move down.

Important! The guides only provide gross alignment to the power and signal connectors. The guide pins on the main board and I/O card are self aligning and provide exact alignment for the connectors.

Important! The tray guides also acts as the conduit for any Electrostatic Discharge (ESD) as the tray initially mates with the docking station.



CAUTION

Do not force the tray if any resistance occurs when mating with the docking station. Using undue force could damage the unit.

- d. When the tray is seated and the connectors are mated, push the ejectors down and tighten captive fasteners.
 - e. For the AC tray, set power to ON (1) at rear of docking station.
7. Power up.
 8. Return the defective DIMM to Dialogic per RMA procedure (if applicable).