

Compatible Systems Tech Notes: Adding Memory to Your MicroRouter 12/22xx Memory Upgrade

Document ID: 17626

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Introduction

This document describes how to add memory to your MicroRouter 12/22xx.

Beginning with software version 4.5, all 12xx and 22xx series routers (1200i, 1220i, 1250i, 1270i, 2200R, 2220R, 2250R and the 2270R) may be upgraded with a 72-pin dual-banked (double-sided) FastPage mode SIMM up to 4 MB at no slower than 80ns and NO PARITY. EDO SIMMs WILL NOT WORK! You have the choice of either replacing the existing SIMM or if your router did not ship with a SIMM installed, simply insert a new SIMM into the empty slot.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

Refer to the Cisco Technical Tips Conventions for more information on document conventions.

Installation



Caution: While working on the router be aware that hazardous voltages may exist in the power supply (even after it has been powered off). Stay clear of it! If unfamiliar with static precautions and working on electronic equipment, get help prior to starting.

Unplug the router from its AC power source. Using a small Phillips-head screwdriver, remove the 4 screws from the sides of the top cover. Slide the cover towards the front of the router about a 1/2 inch and then lift the

rear of the cover up and remove. Locate the SIMM module which is located in front of the test switch. Spread apart the 2 metal latches securing the SIMM. The module should pivot out towards the center of the board. Before inserting the new SIMM, note the orientation notch at the edge of the module facing the front of the router.

Install the new module by inserting it into the slot making sure that it is completely bottomed out in the connector and pivot the module into the latches, away from the power supply. If the latches offer too much resistance, you may need to spread them apart with your fingertips as you push the SIMM into place.

Before reinstalling the cover it is a good idea to power up the router and verify that it starts correctly. If it does, power it down and reinstall the cover.

Related Information

- [Cisco Compatible Micro Router Series Compatible Systems Setup Guides](#)
- [Technical Support & Documentation – Cisco Systems](#)

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Updated: May 03, 2004

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