Garrett’s Workshop

GW4401A / GW4402A

2MB / 8MB ROM SIMM for Macintosh SE/30 and Macintosh II-series

User’s Guide

# Overview

The GW4402A 64-pin ROM SIMM replaces the ROM SIMM of a Macintosh II-series or Macintosh SE/30 computer. GW4402A comes preprogrammed with a customized, 32-bit clean Macintosh ROM. The customized ROM allows your Macintosh to use more than 8MB of RAM, and also features a 7.5MB bootable ROM disk preloaded with System 7 and several utilities.

## Compatibility

GW4402A is compatible with the following Macintosh computers:

* Macintosh IIx
* Macintosh IIcx
* Macintosh IIci
* Macintosh IIfx
* Macintosh IIsi
* Macintosh SE/30

## Fast Startup

It takes about 10 seconds to boot from the included ROM-based System 7.1.1, so you can begin working with programs or playing games almost instantly.

## ROM Disk Settings

A control panel allows your preferences for the built-in ROM disk to be changed. You can boot from the ROM disk, mount it under another boot disk, or hide it from the desktop completely. Of course, you can always hold "R" during startup to boot from ROM. It's also possible to enable RAM disk mode, which allows writing data to the ROM disk, although it is not retained between restarts. The RAM disk is enabled by holding "R" and "A" during startup, or by enabling a setting in the control panel.

## Ecologically Friendly, Gold-Plated PCB

GW4402A features a lead-free, ENIG gold-plated, 4-layer PCB and is fully EU RoHS-compliant. All units are tested extensively before shipment. Only new parts are used to build GW4402A, and all GW4402A ROM SIMM modules are manufactured in our semi-automated facility in Columbus, Ohio, in the United States.

## Open-Source Design

GW4402A's design is fully open-source. The schematics, board layouts, and driver software are all freely available for commercial and noncommercial use. To download the design files, visit the Garrett's Workshop GitHub page, <https://github.com/garrettsworkshop>.

# Installation

Installing the ROM SIMM requires your