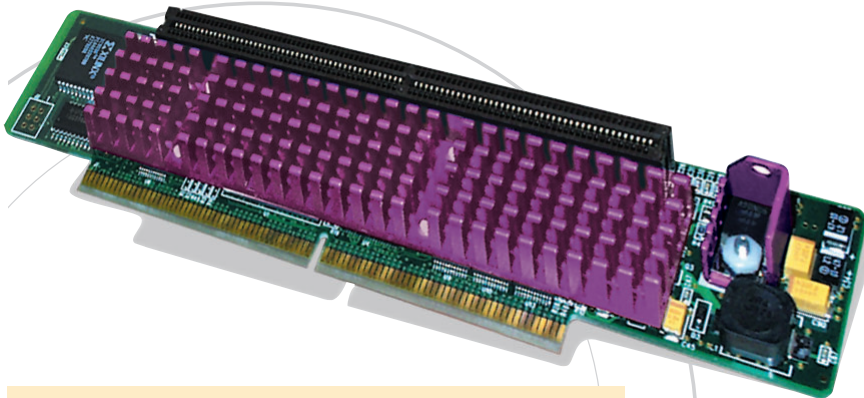


# CRESCENDO™/NuBus G3

Processor Upgrade Card for NuBus Power Macintosh® Computers



## Key Features:

- ▶ G3 500 MHz with Fortissimo™ technology
- ▶ Supports 7100 & 8100 PDS-based AV or HPV (High Performance Video) card with optional adapter
- ▶ 100% compatible with existing hardware and software
- ▶ Three-year limited warranty
- ▶ Manual available in English; Quick Start Guide available in French and Japanese

## G3 Performance

The Sonnet Crescendo/NuBus G3 processor upgrade card accelerates your NuBus Power Macintosh to speeds you never thought possible. The Crescendo/NuBus G3 incorporates the revolutionary PowerPC™ G3 processor and ultra-high speed Level 2 backside cache for astoundingly-fast performance, delivering up to a 16x overall speed improvement. Sonnet's groundbreaking Fortissimo technology enables us to exclusively deliver 400 and 500 MHz G3 upgrades for NuBus Power Macs. These upgrades operate at or near their respective speeds for every NuBus Power Mac, regardless of bus speed, as shown in the chart to the right.

## Performance Comparison



Performance results based on MacBench 4.0 processor scores

Performance results based on MacBench 4.0 processor scores

## Compatibility

### Compatible Macintosh Models

- Power Macintosh 6100/60, 6100/60 AV, 6100/66, 6100/66 AV, 6150/66
- Power Macintosh 7100/66\*, 7100/66 AV\*, 7100/80\*, 7100/80 AV\*
- Power Macintosh 8100/80\*, 8100/80 AV\*, 8100/100\*, 8100/110\*, 8115/110\*, 8150/80\*
- Performa® 6110, 6112, 6115, 6116, 6117, 6118
- Workgroup Server 6150/60, 8150/110\*, 9150/80\*
- Power Computing 100, 120
- Radius System 100\*, 81/110\*

\*May require video adapter, see other side for details.

## Technical Specifications

| Part #      | G4 Speed    | Size/L2 Cache Speed |
|-------------|-------------|---------------------|
| CFG3-500-1M | 477-500 MHz | 1MB/200 MHz         |

## Fortissimo Performance by System

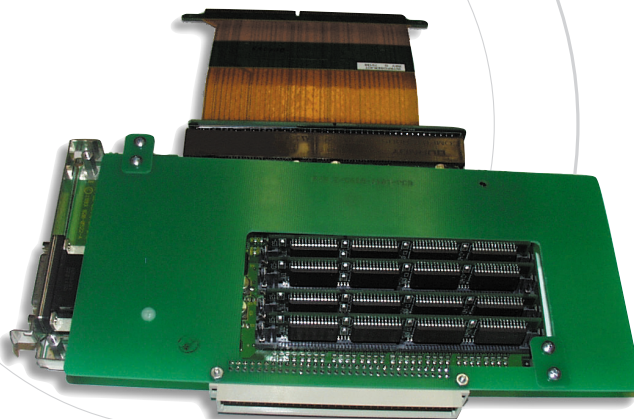
| Power Mac | Bus Speed | Fortissimo Bus | Crescendo G3/400 | Crescendo G3/500 |
|-----------|-----------|----------------|------------------|------------------|
| 6100/60   | 30MHz     | 60MHz          | 390MHz @ 6.5x    | 480MHz @ 8x      |
| 6100/66   | 33MHz     | 66MHz          | 396MHz @ 6x      | 495MHz @ 7.5x    |
| 7100/66   | 33MHz     | 66MHz          | 396MHz @ 6x      | 495MHz @ 7.5x    |
| 7100/80   | 40MHz     | 80MHz          | 400MHz @ 5x      | 480MHz @ 6x      |
| 8100/80   | 40MHz     | 80MHz          | 400MHz @ 5x      | 480MHz @ 6x      |
| 8100/100  | 33.3MHz   | 66.6MHz        | 400MHz @ 6x      | 500MHz @ 7.5x    |
| 8100/110  | 36.7MHz   | 73.3MHz        | 403MHz @ 5.5x    | 477MHz @ 6.5x    |
| 8100/120  | 40MHz     | 80MHz          | 400MHz @ 5x      | 480MHz @ 6x      |

## Hardware and OS Compatibility

The Crescendo/NuBus G3 is a universal card that works in the 6100, 7100, and 8100, and is compatible with your existing hardware. This version of the Crescendo/NuBus G3 card also supports the 6100 AV and allows you to continue using the AV card already installed in the computer. This card seamlessly integrates with your software and supports from System 7.1.2 through Mac OS 9.1.

## Simple Installation

The Crescendo/NuBus G3 installs in minutes with step-by-step, illustrated instructions. There are no switches or jumpers to set, no control panels to confuse you. The Crescendo upgrade card automatically adjusts to the highest possible processor speed for each computer, ensuring maximum performance from your computer. Sonnet backs the Crescendo/NuBus G3 with an industry-leading, three-year manufacturer's limited warranty.



*Sonnet Video Adapter*

### Video Adapter for Power Macintosh 7100 or 8100 With AV or HPV

Most 7100 and 8100 Macintoshes were shipped "standard" with either an AV or high performance video (or HPV) card. The optional Crescendo AV/HPV Card Video Adapter enables you to preserve your current video capabilities. The same adapter supports the Crescendo/NuBus G3 upgrades. Simply remove the AV or HPV card, install it onto the adapter board and plug it into the computer's middle NuBus slot.

### Video Option and Adapter

| Product                        | Part #    | Additional Info             |
|--------------------------------|-----------|-----------------------------|
| 7100/8100 AV/HPV Video Adapter | C61A-7181 | Fits into middle NuBus slot |



**SIMPLY FAST™**  
[www.sonnettech.com](http://www.sonnettech.com)

Sonnet Technologies, Inc., 8 Autry, Irvine, California 92618-2708 USA  
Tel: 1-949-587-3500 • Fax: 1-949-457-6350

© 1999 Sonnet Technologies, Inc. Revised 2003. All rights reserved. Sonnet, the Sonnet logotype, Simply Fast, the Simply Fast logotype, Crescendo, and Fortissimo are trademarks of Sonnet Technologies, Inc. Macintosh, Mac, and the Mac logo are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. The PowerPC name and the PowerPC logotype are trademarks of International Business Machines Corporation, used under license therefrom. Other product names are trademarks of their respective owners. All specifications are subject to change without notice. Printed in the U.S.A. CG3/NUBUS-0903