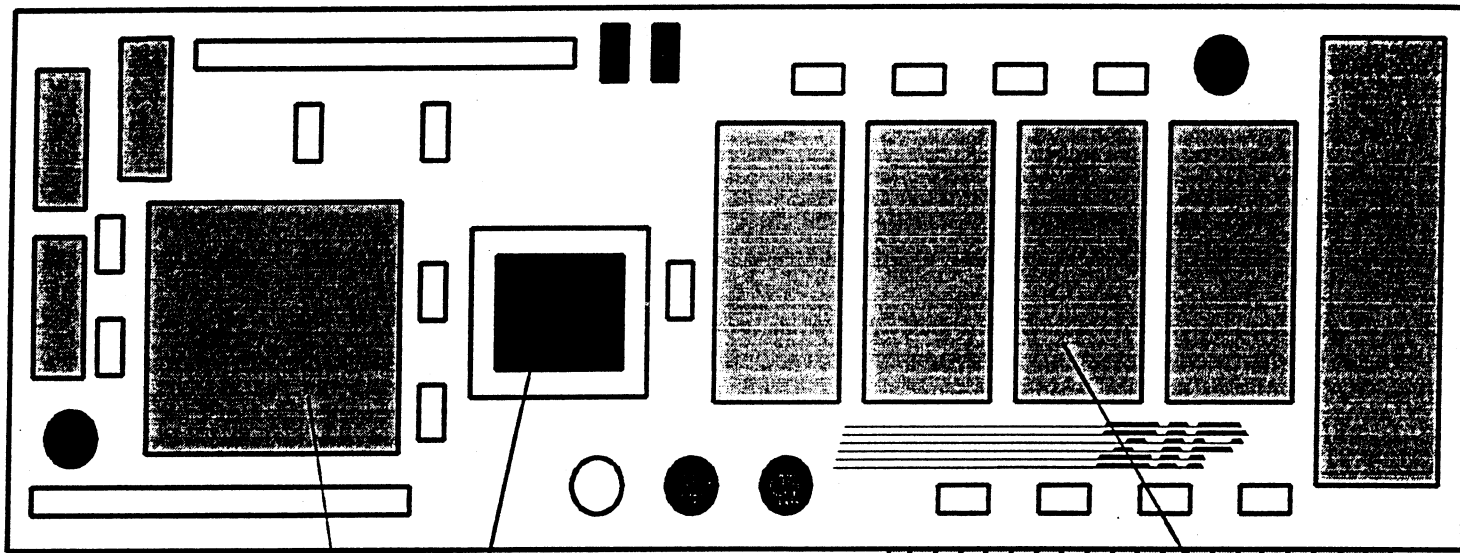


ZipGS



Model 1600 ZipGSX

Brain
Custom 20 MHz Gate Array
Patent #4794523

High-Speed 65C816
processor

25 ns Static RAM

Models 1500 and 1525
ZipChipGS/ZipChipGS Plus

Overview

The Apple IIGS personal computer is the most powerful, most colorful Apple II ever made. That is, until Zip Technology decided it just wasn't fast enough.

Thus we set out to accelerate that easy-to-use computer to prove that GS stands for Graphics and Sound, not GOES SLOW!

How did we do? Well, for

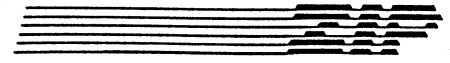
starters, the *ZipGS* series comes standard at 8 MHz and with either 8k or 16k of cache memory. BUT WAIT! The *ZipGSX* is user expandable to 64k of cache and 10 MHz!

As Apple says "Powerful hardware capabilities and advanced system software that puts them at your fingertips: It all adds up to the ultimate Apple II personal computer."

And NOW it is a reality!

The *ZipGS* series:

- Model 1500 **ZipChipGS**
8 MHz/8k cache
- Model 1525 **ZipChipGS Plus**
8 MHz/16k cache
- Model 1600 **ZipGSX** board
8 MHz/16k cache
DMA compatible
User Upgradeable



Features

Benefits

Models

☛ The ZipGS series comes with our patented (#4794523) high-speed ASIC.	☛ This special Application Specific Integrated Circuit provides 16 Zip speeds plus "normal" Apple speed.	☛ All Models
☛ Thirty day money-back guarantee and a one year warranty.	☛ Peace of mind and a guarantee of performance.	☛ All Models
☛ Extremely low-power and low-heat device. All ZipGS models begin with only four integrated circuits and an oscillator.	☛ No need to "beef" up your power supply. Your current fan is also sufficient to cool your computer.	☛ All Models Model 1600 can add two more RAM ICs
☛ 100% compatible with all hardware and software. All Zip options completely software programmable.	☛ Whatever your system, it will work with the ZipGS . As all features can be accessed through software, ZipGS is easy to configure.	☛ All Models Model 1600 DIP switch option control
☛ Powerful 8 MHz+ 16-bit 65C816 processor based system.	☛ Runs all your programs as before, BUT much faster!	☛ All Models Model 1600 upgradeable to 10 MHz
☛ 8k or 16k of cache memory upgradeable to 64k of cache memory.	☛ Increase your cache size to maximize your ZipGSX ! The more you have, the faster you go.	☛ Model 1500 8k cache Model 1525 16k cache Model 1600 16k cache to 64k cache
☛ Features such as diagnostic LEDs and a storage area for your original 65C816.	☛ You will know when your ZipGS is operating properly and you'll never lose your original 65C816!	☛ Model 1525 Model 1600
☛ ZipGS is completely DMA compatible.	☛ Run your DMA SCSI devices, networks, etc. at maximum speed!	☛ Model 1525 Model 1600
☛ Built with the future in view, the ZipGSX comes complete with an expansion adapter for third-party developers.	☛ Allows for faster versions of floating-point accelerators, caching disk controllers, etc.	☛ Model 1600

Product Details

The **ZipGS** series of accelerators feature complete software programmability, 16 speeds of operation plus "normal" Apple speed and independent control of slot speeds via our internal **Zip** registers.

The **ZipGSX** even offers complete DIP

switch control of these options, thus allowing each **ZipGSX** to come up with it's own personalized default settings.

Add to that the fact that the **ZipGS** series come with only FOUR integrated circuits on-board. This, plus an

oscillator, provides the user speed AND reliability as all components are easily servicable and repairable if damaged.

ZipGS quality is far and ahead of any accelerator thus far. Enjoy!

Technical Specifications

Characteristic	ZipChipGS	ZipChipGS Plus	ZipGSX
Model number	1500	1525	1600
Operating speed	8 MHz	8 MHz	8 MHz (to 10 MHz)
Cache size	8k	16k	16k (to 64k)
User upgradeable (Upgrade kits)	YES (DMA kit)	NO	YES (speed/cache)
DMA compatibility	NO	YES	YES
Diagnostic LED	NO	YES	YES
Original 816 store	NO	YES	YES
DIP switch control	NO	NO	YES
Expansion adapter	NO	NO	YES

Each **ZipGS** comes with a chip puller, a simple hardcopy manual and an installation/configuration diskette that includes a comprehensive custom HyperStudio™ stack that teaches installation and configuration AND describes every component of the **ZipGS**. The diskette contains a CDA, NDA and CDEV. An INIT and an application program to control it are also included. These utilities are installed via the standard Installer (c) program.

ZipChipGS includes:

ZipChipGS socket only solution
Installation/configuration diskette
Hardcopy manual
Chip puller

ZipGS

Technical Specifications (continued)

ZipChipGS Plus includes: ZipChipGS Plus socket only solution
 DMA compatibility slot card
 Installation/configuration diskette
 Hardcopy manual
 Chip puller

ZipGSX board includes: ZipGSX slot/socket solution
 Installation/configuration diskette
 Hardcopy manual
 Chip puller

Ordering Information

Base Units

ZipChipGS Model 1500 8 MHz/8k cache 16 speeds, many options
 Low Power/Low Heat
 Low Profile
 Software programmable

ZipChipGS Plus Model 1525 8 MHz/16k cache 16 speeds, many options
 Low Power/Low Heat DMA compatible
 Low Profile
 Software programmable

ZipGSX board Model 1600 8 MHz/16k cache 16 speeds, many options
 Low Power/Low Heat DMA compatible
 Slot based User upgradeable to 64k cache and 10 MHz.
 Software programmable

Ordering Information

Upgrade Kits

ZipGS DMA board Model 1501 Allows the ZipChipGS to be DMA compatible. Also stores your old 65C816 and has diagnostic LED.

ZipGSX Speeds Model 1610 Maximize you ZipGSX! Increase the processor speed to 10 MHz. Includes documentation.

ZipGSX 32k cache Model 1620 Increase your ZipGSX to its greatest potential. Upgrade your cache size to 32k or 64k.

Zip Technology

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