



Advanced Logic Systems

RELIABILITY

An attention to quality control and an emphasis on precision engineering in all Advanced Logic Systems' products assures you of dependable, compatible and trouble-free operation.

SUPPORT

We are here to help you . . . before you purchase or after you purchase. We have qualified technical staff waiting for your call on our toll-free number 800-538-8177 (408-730-0306 in CA).

WARRANTY

We stand behind our products and offer a 1 year limited warranty. If you have any problem with an ALS product, we will repair or replace it for a full year.



Advanced Logic Systems

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EPIM Card

Smarterm II

Color II

Dispatcher

Z-Card II

Dirt Cheap Video

Printer Mate

Add-Ram

Things to do . . .

Over 3,000 software programs are available today that operate under CP/M®. The most popular are programs for words, numbers, files and pictures, such as WordStar, SuperCalc, and Condor. ALS has provided special utilities in the CP/M CARD and Z-CARDII software to install and implement these programs more conveniently.

All of the ALS products are compatible with the Apple II computers, other ALS interface cards, and popular software.

Your Apple Computer . . . Designed with you in mind.

The Apple II®, Apple II Plus®, and Apple IIe® microcomputers were designed to be able to grow in capabilities as you grow with yours. . . How? The basic system was designed with your needs in mind. Accessories and new functions may be added to your computer when you're ready. Just open the lid to your Apple computer and look inside. You will see a large board called a "motherboard" which has slots for interface cards which can perform a desired function and are easily installed.

Advanced Logic Systems has developed and designed many of the interface cards and popular software you may wish to add to your Apple Computer. These cards are especially designed to work together with your Apple computer and the software programs you choose.



CP/M Card™

The CP/M CARD is an interface to add the complete hardware and software to operate the latest, most powerful version of CP/M® on your Apple II, Apple II Plus or Apple IIe. CP/M (Control Program for Microprocessors) is the most popular operating system for Z-80™-based computer systems. Installation of CP/M PLUS™ on your Apple II means the broadest range of applications programs are open to you, such as WordStar™, SuperCalc™, Condor™ and hundreds of others. The CP/M CARD printed circuit board contains the circuitry required to run the CP/M PLUS, Version 3.0 operating system and provide you with an additional 64K bytes of memory—all running at 6MHz, up to 300% faster than any other CP/M on the Apple computer. The CP/M CARD software is composed of CP/M PLUS 3.0, CBASIC™, and GSX-80 (CP/M Graphics™) all from Digital Research. Additional menu-driven utilities from ALS provide ease of use for your applications programs.

Color II™

The Color II interface card connects your Apple II, Apple II Plus or Apple IIe to high or medium resolution RGB color monitors by converting the Apple composite video to RGB (red, green, blue). The Color II board will provide the most brilliant, quality color hues available today on RGB monitors. Color II connects directly to the Apple II, with simple connection to Smarterm II, Dirt Cheap Video and other 80-column video display interface cards to give you pure white 80-column text on your color monitor to use with programs like WordStar, Condor, SuperCalc and other numerous applications programs.

Smarterm II™

The Smarterm II interface card provides your video monitor with an 80-column screen display as well as the 40-column display of the Apple II. Smarterm II understands the standard Applesoft® commands, Applesoft and Integer BASIC® programs, and Apple Pascal® commands and programs. You can use the commands and programs that work on a standard Apple plus the many new commands associated with Smarterm II, CP/M-80™ and CP/M PLUS.

The Smarterm II, the new standard for Apple 80-column interface cards, has many new and outstanding features. It is the first and only board that includes *all* of the following: a synchronous linear memory map for wider applications use, user selection of inverse and normal or highlight and lowlight text, replaceable character sets, and a 25th display line for status.

PrinterMate™

The PrinterMate interface card is a parallel interface for the Apple II, Apple II Plus and Apple IIe computers and other Centronics™ - compatible printers.



Dispatcher™

The Dispatcher interface card is a serial interface for the Apple II, Apple II Plus and Apple IIe computers and wide variety of external devices. The Dispatcher is able to provide a communications link between your system and wide range of RS232 compatible devices including printers, terminals, modems, telex lines, and other computers.

Z-Card II™

The Z-CARD II is a CP/M interface card with complete hardware and software that adds the CP/M-80 operating system to your Apple II, Apple II Plus and Apple IIe microcomputer. This economical interface is required to operate the hundreds of CP/M application software programs like WordStar, SuperCalc and Condor. ALS has provided special utilities designed to make using your CP/M operating system more convenient. Most are menu-driven programs that let you accomplish complex file and system management by simply selecting a menu option. It is the most economical Z-80® application for the Apple with full performance, fully licensed CP/M-80 (Rev. 2.2) from Digital Research Inc.

Dirt Cheap Video™

The DIRT CHEAP VIDEO was designed by ALS to provide you with a low cost video expansion card, never before available. The DIRT CHEAP VIDEO interface card connects your Apple II, Apple II Plus or Apple IIe computer to your own TV set or monitor providing a 64-column display, as well as the 40-column display of a standard Apple II. DIRT CHEAP VIDEO understands most of the standard Applesoft and Integer BASIC screen commands and Apple Pascal commands and programs that work on a standard Apple plus many of the new commands associated with CP/M-80 and CP/M PLUS.

Add-Ram™

ADD-RAM is a plug-in memory interface card for your 48K Apple II or Apple II Plus computer. ADD-RAM adds 16K bytes of memory to your Apple computer bringing the total up to 64K for DOS and CP/M-80. With this additional memory, your system will be able to execute larger applications programs much faster and more efficiently.

Apple II, Apple II Plus, Apple IIe, Applesoft, Integer Basic, Apple Pascal are registered trademarks of Apple Computer Inc. CP/M, CP/M CARD, CP/M PLUS, GSX-80, CP/M Graphics, CBASIC are registered or trademarks of Digital Research Inc. Z80 is a trademark of Zilog Corp. WordStar is a trademark of MicroPro International. SuperCalc is a trademark of Sorcim Corp. Condor is a trademark of Condor Computer Corp.

