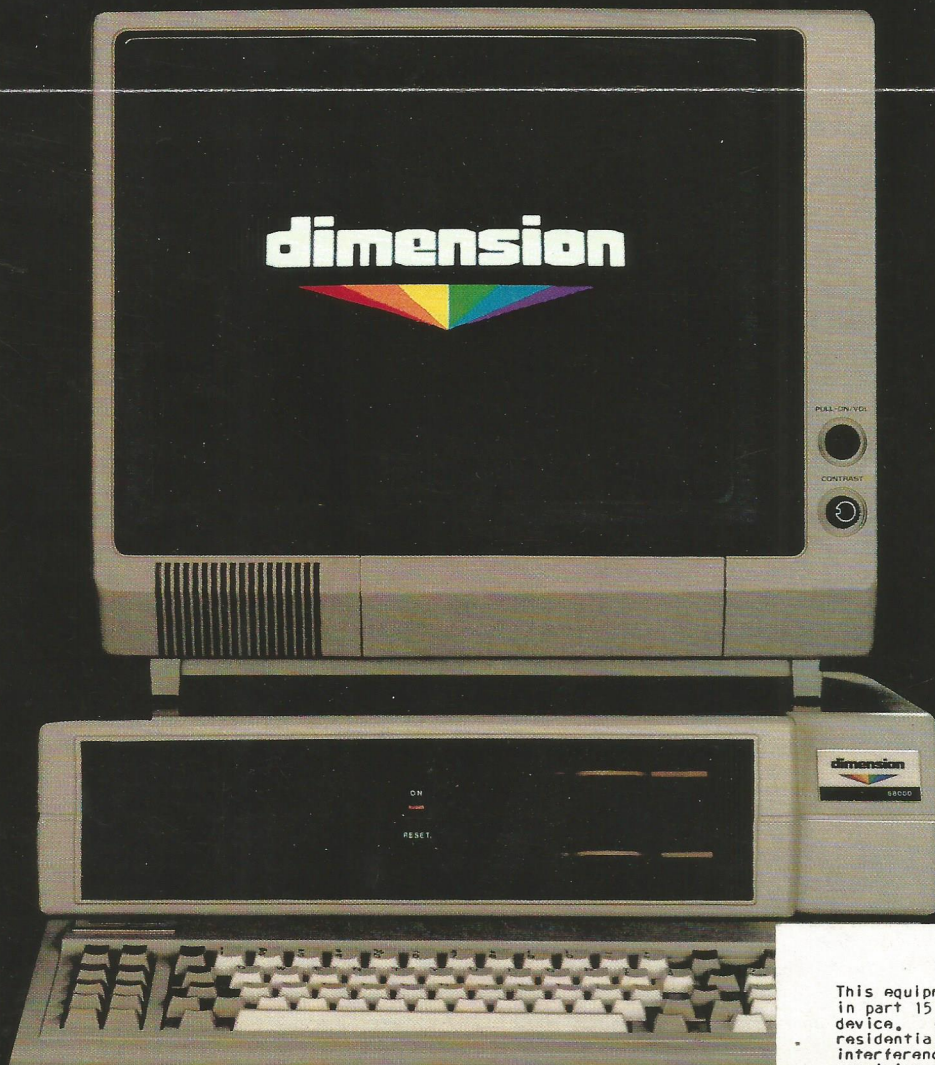


DIMENSION. THE MOST POWERFUL, MOST COMPATIBLE PERSONAL COMPUTER YOU CAN BUY.

Super-Micro



This equipment complies with the requirements in part 15 of FCC rules for class A computing device. Operation of this equipment in a residential area may cause unacceptable interference to radio and TV reception requiring the operator to take whatever steps are necessary to correct this interference.

dimension™

68000

NOW YOU CAN RUN VIRTUALLY ANY SOFTWARE ON ONE COMPUTER.

Here's the compatibility you have been looking for. Dimension 68000. The *one* personal computer designed to handle Apple®, IBM®, UNIX™, KayPro™, and other CP/M® and MS-DOS™ based software. In fact, the Dimension 68000 Professional Personal Computer — in either native or emulation mode — lets you use almost any 8, 16, or 32 bit software available in the marketplace today.

GET MAINFRAME POWER AT A PERSONAL COMPUTER PRICE.

The Dimension has the incredible power of a 32 bit MC68000 microprocessor capable of addressing up to 16 megabytes of random access memory. It's like having a mainframe computer on your desktop. And it's fast. Faster than most mini-computers and even some mainframes. Based on a *Byte Magazine* benchmark study in early 1983, Dimension is faster than 90% of all computers tested. With the price tag of a personal computer, Dimension packs *more power per dollar* invested than any other computer on the market!

ADD FUTURE INNOVATIONS AS THEY DEVELOP.

Dimension is the ultimate expandable personal computer. With its power and compatibility, you can standardize your business applications today. And add future innovations as they develop, i.e. more sophisticated multi-user software. With mainframe communications and multi-user capability, Dimension will continue to meet your needs for a long, long time.

YOU DON'T HAVE TO BUY THE EXTRAS. THEY'RE ALREADY INSIDE.

Many of the features that other computers list as extras are *standard* with the Dimension. It comes complete with a parallel printer port, serial port, real time clock/counter/timer, color graphics controller, game controller, 6 expansion slots, two 5¼" double-sided double-density disk drives and a controller that accepts two additional 5¼" disk drives as well as four additional 8"



floppy disk drives.

If you're a businessman, scientist, engineer or a computer owner with special needs, the Dimension 68000 has the flexibility you're looking for. Dimension can accommodate a wide variety of scientific coprocessors and specialized function peripherals. Including high resolution graphics, matrix processors, floating point coprocessors, plotters, tape drives, digitizers, analog data capture units, IEEE interface, and many more special features.

GET THE RELIABILITY THAT MADE A ONE-YEAR WARRANTY POSSIBLE.

Most of today's personal computers carry only a 90-day warranty. The Dimension carries a full one-year warranty. That's reliability! And we're as proud of our service as we are of our computer.

With specially designed equipment, our certified factory-trained dealers can spot the source of almost any trouble immediately. And our toll-free Buyer Hotline has specialists available for answering any questions you may have.

BUY A NEW COMPUTER WITHOUT SCRAPPING EXISTING SOFTWARE.

Move up to the power you need with Dimension. You don't have to recreate your existing data base. Or scrap your existing software. Because Dimension already accepts it. And will expand with you as you grow.

SEE YOUR NEAREST DEALER FOR A FREE DEMONSTRATION.

Buying the Dimension 68000 is like buying one computer and getting them all. Power. Compatibility. Expandability. Flexibility. Reliability. All in one superb package. Dimension. Easily the best value you can find in a personal computer today. Seeing is believing. Check for your nearest dealer in the Dealer Listing. Then meet the Dimension in person. You'll see why it's the most powerful, most compatible, most expandable personal computer you can buy.

DIMENSION™ 68000 FEATURES

BASIC SYSTEM:

HARDWARE

- 8K ROMBIOS Boot System
- Motorola MC68000L8 Processor, 7.19 Mhz clock
- 6 Expansion Slots
- Disk Controller for up to 8 Disk Drives (four-5¼" + four-8")
- Centronics® Style Parallel Printer Port
- RS-232 Full Duplex Serial Port
- Real Time Clock/Counter/Timer
- 100 Watt Power Supply w/Built-In Fan
- Game Control Port, both Digital and Analog Input (IBM® PC style)
- CRT Display Controller, EIA RS-170 Composite Color/Monochrome Video Output, Full Graphics under Software Control
- Keyboard, 83 Keys (10 Programmable Function Keys, 10-Key Numeric Pad)
- One Year Warranty—Parts and Labor

SOFTWARE

- CP/M-68K™ Operating System; Assembler and Linker, "C" Language, Compiler and RunTime Library, and Utilities (Digital Research™)
- UniBasic (RD Software™)
- RAM Disk, Print Spooler, Screen Size, Serial Channel Utility, Read/Write Various Disk Formats (Micro Craft)

YOUR CHOICE OF CONFIGURATIONS (MOUNTED IN CPU UNIT):

MEMORY

- 256K Minimum, 512K Maximum in 4 rows of 128K each on Mother Board
- 512K DRAM Plug-In Cards (Maximum of 6 in main unit)**

DISK DRIVES

- 40 Track, 400KB, DSDD 5¼" Disk Drives
- 80 Track, 800KB, DSDD 5¼" Disk Drives
- 20MB 5¼" Winchester Disk w/Controller**
- 50MB 5¼" Winchester Disk w/Controller** (Controller Can Handle 2 Drives w/150MB ea.)

HARDWARE OPTIONS:

- RGB Graphics, Plug-In Card (640 × 480 pixels, 4 colors and 320 × 240 pixels, 16 colors**)
- 8 Channel RS-232C Serial Controller**

**Future development items.

PROPRIETARY EMULATION COPROCESSOR OPTIONS

(2-400KB Disk Drives Required with Emulation Coprocessor; 512K Minimum Memory Required on Mother Board to Run Lotus 1-2-3 w/8086 Coprocessor)

- Z80 (With Choice of Emulation Software and Documentation)
- 8086 (With IBM® PC Emulation Software and Documentation)
- 6512 (With Apple II® + Emulation Software and Documentation)

SOFTWARE OPTIONS

- Emulators (allow direct execution of most software for the following computers)
 - Apple II®, Apple II +® and Franklin 1000®
 - TRS-80 MOD III®**
 - IBM® Personal Computer
 - KayPro II®
 - Cromemco System III®
 - Generic CP/M 2.2®
 - Others as the market requires
- Operating Systems (Native)
 - CP/M-68K™ Operating System with "C" Assembler and Utilities
 - UNIX™**
 - p-System®**
- Operating Systems (Emulation Mode)
 - CP/M-86® (IBM® PC)
 - CP/M 2.2®
 - DOS 3.3 (Apple®)
 - TRSDOS®** (Radio Shack)
 - PC-DOS® (IBM® PC)
 - MS-DOS™ (Microsoft Corp.)
 - PRODOS (Apple®)
- Languages (Native Mode under CP/M-68K™)
 - C Language, Compiler & RunTime Library (Digital Research™)
 - UniBasic (RD Software™) (APPLE SOFT syntax)
 - CBASIC® Compiler (CB68™) (Digital Research™)
 - 68000 Forth® (Laboratory Micro Systems)
 - 68000 Forth +® (Laboratory Micro Systems)
 - SVS Pascal™
 - SVS Fortran 77™
 - SVS BASIC PLUS™
 - WHITESMITHS' C™
 - 68K BASIC™ (Empirical Research Group)
- Programs
 - VED-68K™ Editor (Empirical Research Group)

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