

conditions with a commercial employer. Fully paid life, hospital and medical plan for employee and dependents. Send resume to: Professional Placement Office, NCR Corporation, Engineering & Manufacturing, 16550 W. Bernardo Dr., San Diego, CA. 92127.
An Equal Opportunity Employer

GNAT SYSTEM 10

ALL THE HELP YOU WILL EVER NEED

BY GNAT COMPUTERS, INC.

COMPUTER OPERATOR

Immediate opening in Escondido. 1 to 2 yrs exp on SYS 360/370, DOS/EDOS, full time, 3rd shift, 745-6006 or 566-4006.

COMPUTER OPERATOR

With Co. reas operator
240-270-5

PAGE 1 LINE 1 COL 01

CURSOR: ^A=left word ^S=left char ^D=right char ^F=right word
^E=up line ^X=down line ^W=down line ^C=up screen ^R=down screen
SCROLL: ^Z=up line ^G=char right ^T=word right ^Y=entire line
DELETE: DEL=char left RETURN=end para ^U=stop
OTHER: ^V=insert on/off ^I=tab ^L=find/replace again
^N=insert a RETURN ^B=reform to end para ^J displays menu of information commands
PREFIX KEYS ^O ^J ^K ^D ^P display menus of additional commands

thank you for the opportunity to show you the QWAT System 10 with the Micropro wordprocessing capability. In addition, the QWAT will run the Osborne Business Software including Accounts Receivable, Accounts Payable, Payroll and a General Ledger Program.

For your banking management programs we offer the Microsoft



DUNHILL TEMPS

1245 7th Ave.

236-1991

TYPIST

Speed, accuracy, and pleasant personality a must. Capable of full screen editing with complete correctional capabilities.

TYPISTS

Extensive software provides complete word processing capability. The System editor features full screen oriented editing, cursor movement control and automatic file management. Special function keys are defined by the CRT's 25th line for operations, including line delete, file up one screen, and move right one word.

The text formatter provides right-hand justification, margin control and paging. A selectric-style keyboard and a low glare screen all add up to outstanding business correspondence and documentation with excellent legibility.

FEE PAID BY CARRIER

MANUAL SYSTEM. Assist in-house

BOOKKEEPER

Skills in accounts receivable, payroll, cost accounting, general ledger, accounts payable and inventory.

BOOKKEEPING

For accounting, System 10 Programs available include accounts receivable, accounts payable, payroll, cost accounting, general ledger, and inventory.

These can easily be tailored to individual business requirements.

Equal Opportunity Employer

PROGRAMMER

Must be adept in BASIC, FORTRAN, PASCAL, COBOL, and extensive Disk Operating Systems.

PROGRAMMERS

REAL TIME

The variety of software support and outstanding hardware make System 10 a total software environment. Standard software includes CP/M Disk Operating System, Screen Editor, Assembler, Debugger and utility routines. Among support languages are BASIC, FORTRAN with optional floating point hardware, PASCAL and COBOL.

ARROW

3947 1st FEE JOBS TOO 298-8335

MANAGER

Expertise in cost effective office and business administration necessary. Long hours and no vacations.

MANAGEMENT

4075 DEPT A 1417 14

System 10 makes managers better managers. By relieving them of vast piles of paperwork and hours of menial research, it promotes time for more constructive action. It performs duties in not only one department, but every department.

Computer technology has become the business person's right hand, and System 10 can be the best investment you've ever made.

ENGINEER

Knowledge of microprocessors including Z80 processor, IEEE 488 BUS interface, video processing and compact system design required.

ENGINEERING
MANUFACTURING

The engineering performance of System 10 will satisfy the most demanding requirements.

Built around the Z80 CPU, the architecture maximizes user flexibility and performance. Data transfers to and from the Z80 are controlled by separate interrupt and DMA controllers. These devices provide the highest possible data throughput. Numerical computation is greatly enhanced by the optional Arithmetic Processor.

The system memory consists of 65K RAM and 2K phantom PROM. In normal operation the RAM occupies the full 65K addressing range of the Z80. For power up disk loads and diagnostics, the 2K phantom PROM temporarily overlays RAM.

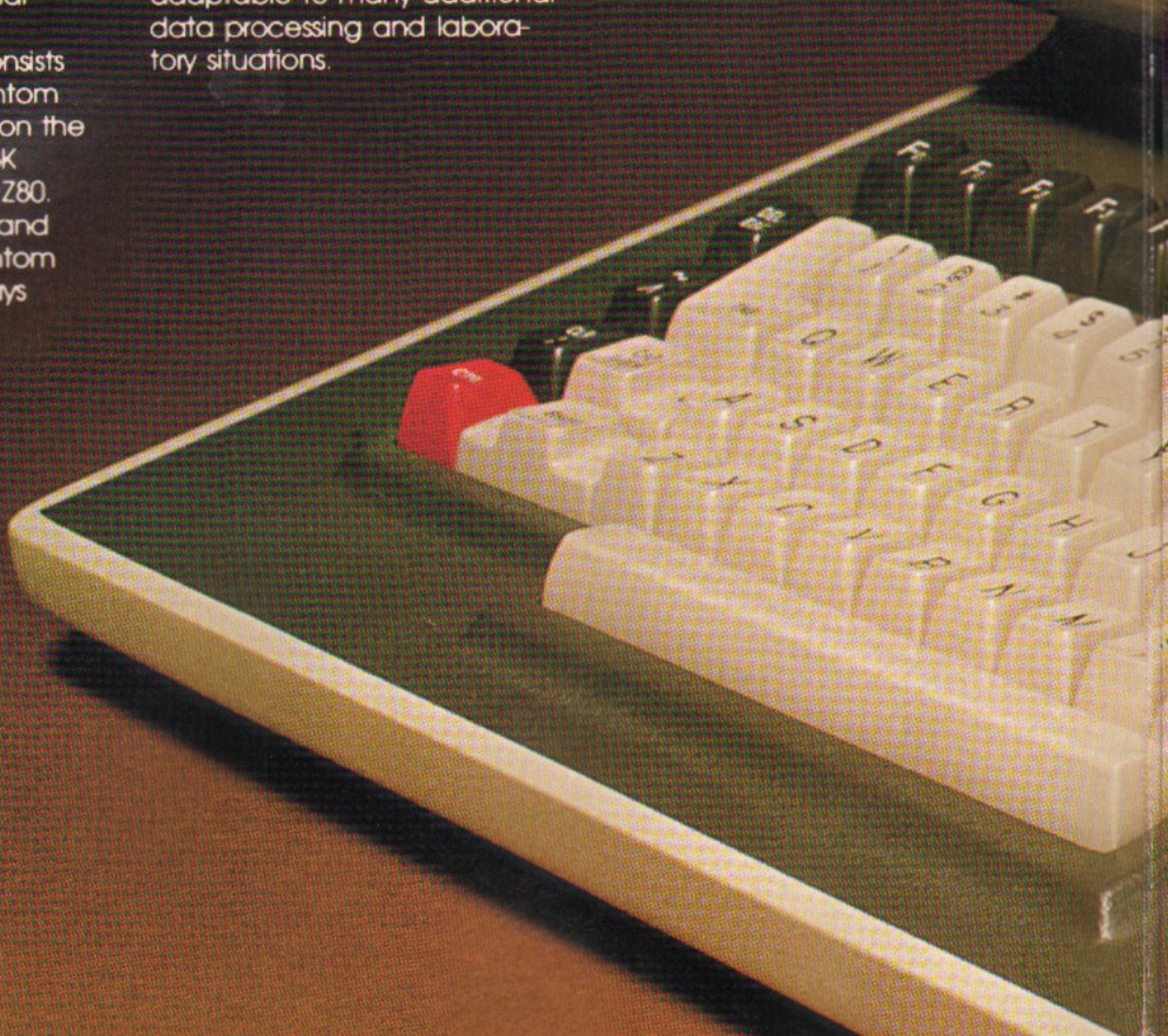
Control of the CRT is performed by a separate microprocessor on the video board. The control processor is relieved of the overhead burden of CRT data management. Further flexibility is provided by routing keyboard data through the video processor board. Additional features such as graphics capabilities are possible through this modularity.

Dual double-sided, double-density 5 1/4" disk drives provide 700K Bytes of mass storage, sufficient for most small business requirements.

A unique power-sense write protect circuit allows the diskettes to remain in the drives during power-on and power-off. For applications where larger data bases are required, the System 10 has a high speed parallel interface for hard disk drives. Storage capability of 10 to 80 M Bytes is available.

Two serial RS232 Input/Output ports are used for interfacing with peripheral devices. Typical devices are a printer for hard copy and a modem for communications. The baud rates for these ports are software settable. SDLC, HDLC and Bisync protocols are handled by the serial interfaces for a variety of extended communication applications.

High speed parallel data can be handled through the optional GPIB IEEE 488 interface. This expandable I/O capability makes the System 10 adaptable to many additional data processing and laboratory situations.



What Is the Gnaf System 10?

A word processor

Besides greatly reducing the time for general office procedures, System 10 improves the quality of written material.

Typing, report and proposal writing, mailing lists, editing, manuscript production, envelope addressing, and identify printing are accomplished easily and economically.

A small business system

Compactly housed in an attractive desk top cabinet, System 10 can perform a variety of accounting jobs. Two double-sided, double-density disk drives provide adequate storage for most small business. With optional hard disk storage is available for extended data bases.

The business programmer or systems house can rapidly implement custom programs, or adapt standard programs from the GNAT BUSINESS LIBRARY.

The ideal software environment

Operates under CP/M, the most extensively supported Disk Operating Systems. Hardware features which support comprehensive programming include separate video processor, full 65K RAM, programmable real time clock, plus many more.

With GNAT Communications Software, System 10 makes the ideal front end terminal for large mainframe computers.

The engineer's most compatible tool

Designed for easy operation, and conceived with the engineer in mind, System 10 architecture incorporates a Z80 CPU, 65K RAM, an optional 9511 arithmetic processor, and a separate video processor. I/O expansion capabilities are supplied by two RS232 serial ports, one RS449 serial network port, mass storage, parallel I/O, and an optional IEEE 488 BUS interface.

These features and more make System 10 the answer to your engineering requirements.

A computer that saves time, money

System 10 simplifies and expedites business proceedings. By using the most advanced computer technology, detailed and consistent management information is available immediately. That increases employee productivity and makes System 10 one of the most profit-inducing members of your staff!

R2 / L2 / D2 /
H20: 1-left word 2-left char 3-right char 4-right word
E20: 5-up line 6-down line 7-up line 8-down line
T20: 9-enter left 10-enter right 11-word right 12=entire line
D20: 13-insert on/off 14-tab 15-RETURN-end para 16-stop
17=insert a RETURN 18-reform to end para 19-find/replace again
20: 21=display new of information commands
22: 23=display menu of additional commands

Mr. William Johnson
Neurodynamics Inc.
225 E. 14th Street
Los Angeles, CA 90012

Dear Mr. Johnson:

Thank you for the opportunity to show you the GNAT System 10 with its unique word processing capability. In addition, the GNAT will run the Osborne Business Software including Business Financials, Accounts Payable, Payroll and a General Ledger Program.

For your banking equipment program we offer the Microsoft

gnat SYSTEM



PAGE 1 LINE 1 COL 0!

DRSCR: ^W=left word ^S=left char ^D=right char ^F=right word
Escr line ^V=down line
Tscr line ^U=up line ^C=up screen ^R=down screen
BCHAR: ^E=char left ^G=char right ^T=word right ^Y=entire line
EDTR: ^P=insert on/off ^I=tab RETURN=end para ^U=stop
^W=insert a RETURN ^D=reform to end para ^L=find/replace again
INFO: ^O=display menu of information commands
ADDITIONS: ^Q ^Z ^W ^D ^P display menus of additional commands

Mr. William Johnson
Microgenics Inc.
625 E. 10th Street
Los Angeles, CA 90001

Dear Mr. Johnson:

Thank you for the opportunity to show you the Gnat System 10 with the Micropro wordprocessing capability. In addition, the GAT will run the Osborne Business Software including Accounts Receivable, Accounts Payable, Payroll and a General Ledger Program.

For your banking management programs we offer the Microsoft

Gnat SYSTEM 10



Systems Engineering
Scripps Ranch
16560 West Bernardo Dr.
San Diego, Ca 92127
An Equal Opportunity Employer

THE GNAT SYSTEM 10

A Sound Investment

- *Reliability
- *Quality
- *Performance
- *Flexibility
- *Cost Effective
- *Attractive

Put a GNAT to work
for you now.

Contact:
GNAT Computers, Inc.
7895 Convoy Ct., Bldg. 6
San Diego, CA 92111
(714) 560-0433
or your nearest
GNAT affiliate

COMPUTER OPERATOR

EXPERIENCED AT IBM 360

FEATURE SUMMARY

HARDWARE

Processing

CPU—Z80 8-Bit 4 Mhz
AM9511 Arithmetic Processor 32 bit floating point*
DMA controlled data transfer
TIMER—1 microsec resolution
Interrupt Controller—all I/O
Real Time Clock*

Memory

PROM—2K Monitor
RAM—65K
DISKS—Double sided, double density, 700K total storage

Input/Output

2 RS232 Ports—Printer Modem, SDLC, HDLC, Bisync
1 IRS449—Port Networks
IEEE 488 General Purpose Interface Bus*
High Speed Parallel I/O—Hard Disk

Display

12" CRT, Anti-Glare Screen
25 lines 80 columns—25th line independent
Separate microprocessor—user accessible

8x12 Character dot matrix
Full software screen control

Keyboard

Selectric style layout
Accounting keypad
Ten programmable function keys
Cursor position control keys
Repeat function
Reliable capacitive key action

Power Supply

Switcher—low heat generation
RFI filtering
Modular assembly

SOFTWARE

Standard

PROM—Monitor and Diagnostics
Disk Operating System—CP/M Version 2

Screen Editor

Languages*

BASIC
FORTRAN
COBOL
PASCAL
C
PL/I

Business Support Software*

Word Processing
Accounts Receivable
Accounts Payable
Payroll and Cost Accounting
General Ledger

Additional*

GNAT—MAINFRAME communication software

PHYSICAL

Size—21"x21"x13"
Weight—42 pounds
Power—110/220 AC 100 watts
Cooling—forced air

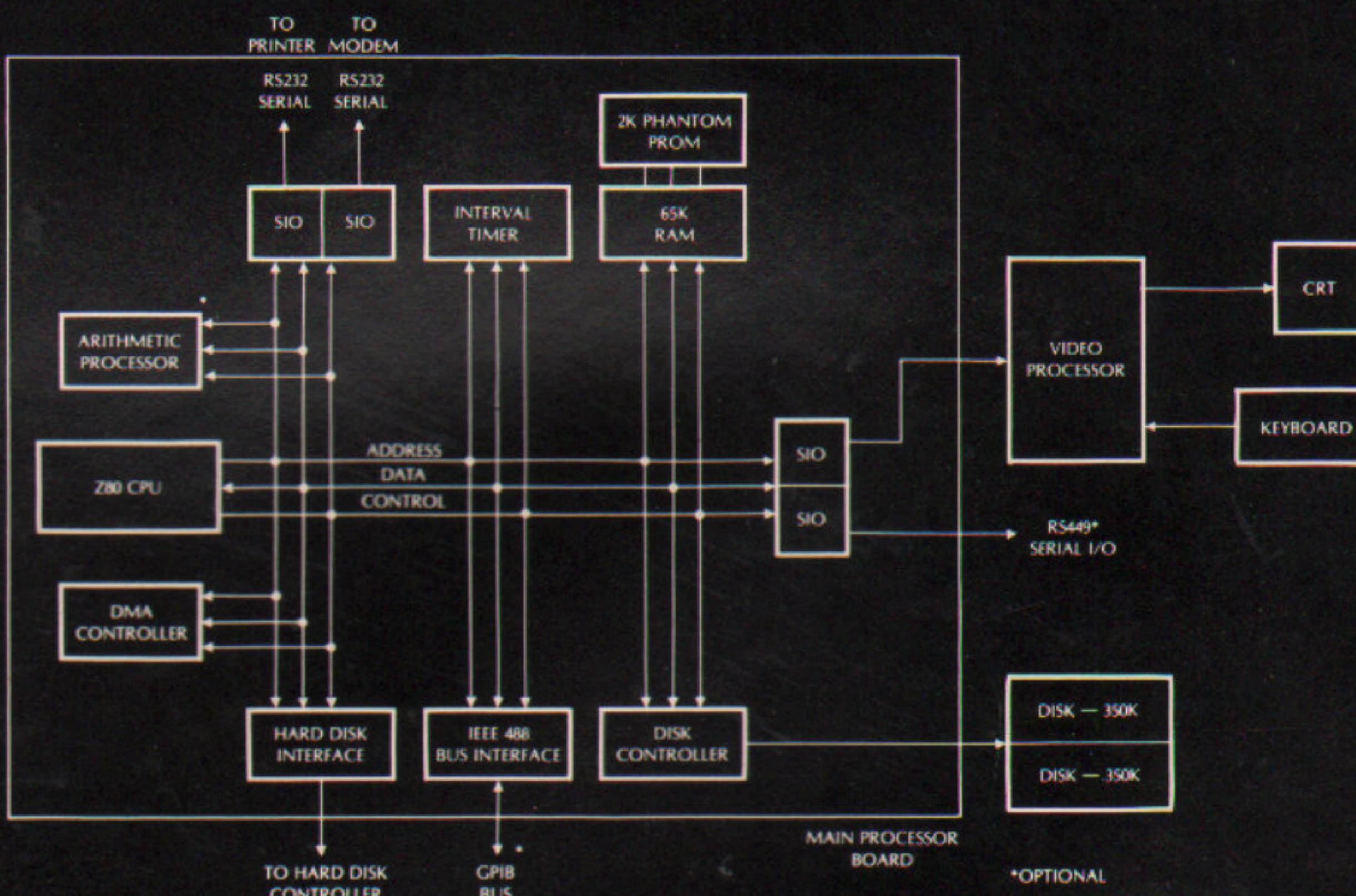
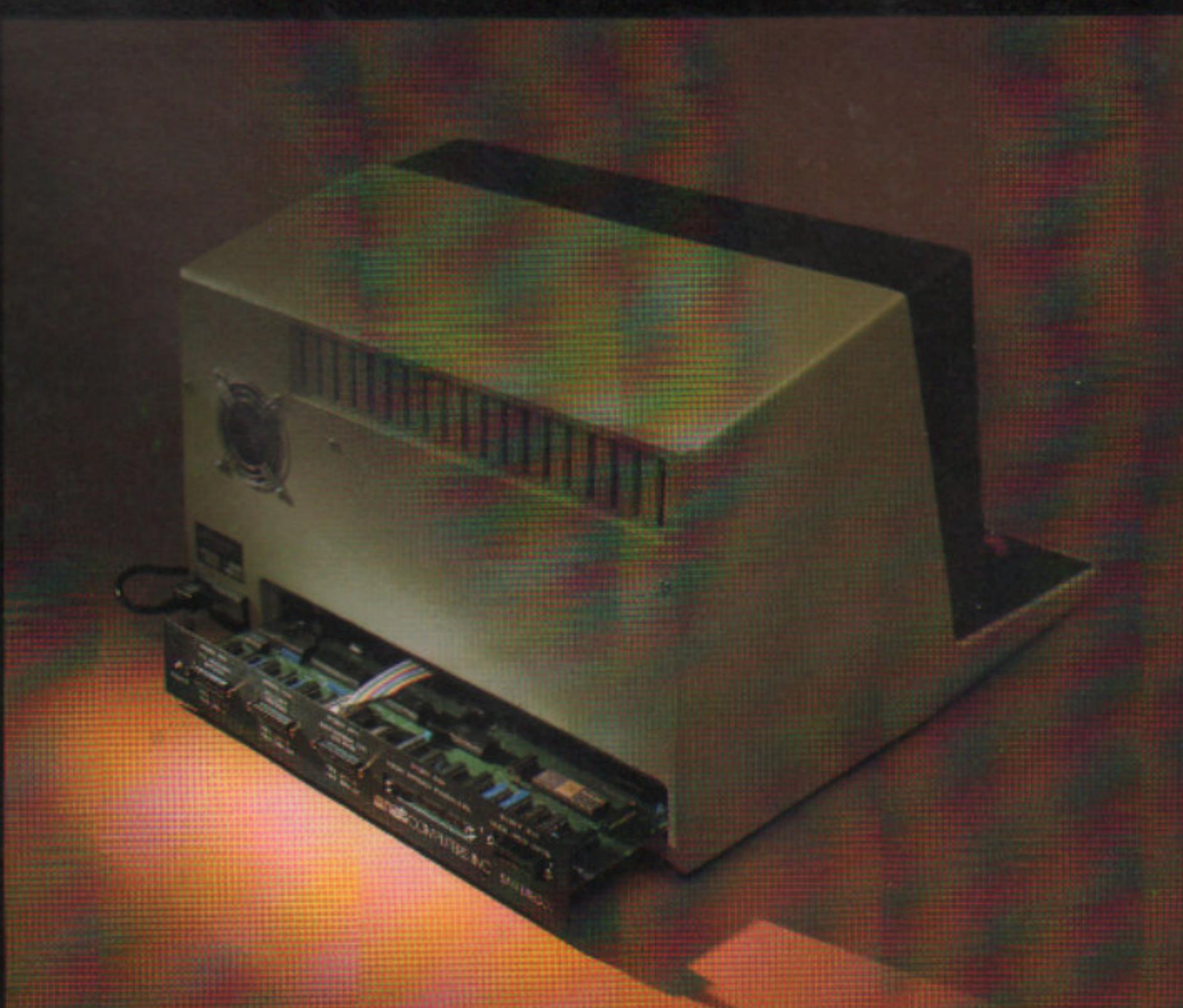
*OPTIONAL

CP/M is a Trademark of Digital Research

For further information contact GNAT Computers or your nearest GNAT affiliate.

gnat COMPUTERS, INC.

7895 Convoy Court, Bldg. 6
San Diego, CA 92111
(714) 560-0433



*OPTIONAL