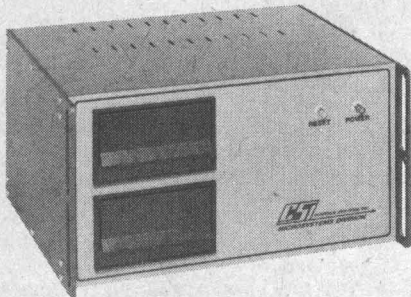## Home Computer From Bally

The Bally Computer System contains the built-in "Bally Brain," a microprocessor that has a 12 K byte memory. Each optional Bally Videocade cassette adds up to 8 K additional bytes. Also built into the system are a five function, ten memory register calculator, 256 color display variations, stop-action pause control, and automatic shut-off. The unit is available in two player and four player models and has a 16,000 dot picture image. With three arcade games and a 24 key calculator built in, the two player model has a retail price of $299.95 and the four player model is $329.95. Both an optional Bally BASIC programming cassette and an audio cassette interface are priced at $49.95. For further information contact Bally Consumer Products Div, 10750 W Grand Av, Franklin Park IL 60131.

Circle 639 on inquiry card.

Microcomputer Offers Pascal in Programmable Read Only Memory

This new microcomputer designed for use with Pascal is being marketed by Control Systems Inc, Drawer EE, Williamsburg VA 23185. The UDS 470 offers Pascal in programmable read only memory as an alternative to assembly language and BASIC for low and medium volume applications where power and fast development are important. They make available a version of UCSD Pascal specifically designed for read only memory and programmable read only memory operation for use in dedicated applications when the development cycle would be slow with assembly language. The Pascal in programmable read only memory feature makes high level programming as easy as assembly language programming. A Pascal program is compiled (instead of assembled) and compiler output (P-code) is burned into programmable read only memory and erasable read only memory.

The UDS 470 is a rack mountable system designed for industrial environments (high temperature, vibration, etc). It currently uses the 6800 microprocessor, but can be upgraded to the 6809 or 68000 when they become available. The UCSD system was designed to be machine independent. UCSD's 2.0 version is currently being supplied, but the 3.0 version will be used when UCSD releases it. The standard UDS 470 package includes a processor with 1 K bytes of programmable memory and 2 K bytes of erasable read only memory; serial I/O (input/output) port with automatic reset and VCC monitor; 48 K bytes programmable memory; 16 K bytes erasable read only memory; 5 inch double density floppy disks with interface; 5 V power supply; and a case. The approximate price of the standard UDS 470 is $4000.

Circle 640 on inquiry card.

North Star Word Processor With Extras

IDSWORD is a comprehensive word processing package available in North Star BASIC Version 6, under North Star disk operating system release 4.0. Prompts are given as complete English sentences, and responses are accepted as words, rather than numbers. Imbedded commands are not required since IDSWORD formats the text interactively. Some of the features are insertion, deletion, and block moves of text; global searches; complete text editing on video terminal or printer; control of margin size and justification; merging of up to ten files; sorting and printing of mailing labels.

Block editing capability on the video terminal is available by a linked list of all lines of text in memory, coupled with full cursor control over the entire text display. The amount of text in memory is automatically adjusted to the available memory. About 25 pages of text may be stored on a single density disk. Longer documents may be developed and printed in segments.

IDSWORD will run with one or two disk units. It is presently configured to run with the Soroc, Lear Siegler ADM-3a, Hazeltine, and Intertube terminals, and the IBM Selectric, Qume, Diablo, and Spinwriter printers. IDSWORD is a modular system starting at $125 for the basic configuration. The complete word processor is priced at $245 for the video screen edit capability, or $220 for the editing on the printer capability. The form letter, labels, name and address file maintenance, and sort modules are $50. For further information, contact CW Applications, 1776 E Jefferson St, Rockville MD 20852.

Circle 641 on inquiry card.

Where Do New Products Come From?

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