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ZGRASS-100 TECHNICAL DESCRIPTION

The Astrocade ZGRASS-100 is an enhancement of the Astrocade video game. It is designed to plug in to the Astrocade video game and fits under the unit to create a compact, advanced personal computer.

The ZGRASS-100 uses the Z-80 microprocessor from the Astrocade video game as its CPU (central processing unit). Included in the ZGRASS-100 are 64K RAM (random access memory), allowing the user to store data files and programs (including most CP/M programs); 32K ROM (read-only memory), which includes the ZGRASS operating system, graphics-oriented ZGRASS language, and editor; and 4K screen RAM, for a total of 100K characters.

ZGRASS-100 allows for a choice of 256 colors. Interfaces include two serial RS-232C ports (for printer, modem, etc.), a 2000 baud (200 characters per second) dual audio cassette interface (for input and output of program and audio tracks and separate control of two tape recorders), and optional Winchester hard disk and floppy disk interfaces.

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