



THE RWS SERIES I MICROCOMPUTER

The RWS Series 1 Microcomputer is a high flexibility, high capacity, high performance, industrial grade, Z-80 based microcomputer system. It is especially well suited to technical OEM applications, process control, and general purpose applications where a high level of reliability, flexibility, capacity and performance is desired.

Standard features of the RWS Series 1 computer system include:

- Multiple Z-80 CPUs providing for both main processing, and input/output processing.
- Sixty four K bytes of static main processor memory.
- Capacity to install up to 4 additional memory slot circuit cards and 4 additional I/O slot cards.
- Four asynchronous RS-232 serial data channels. Baud rates from 300 to 19,200 in industry standard word configurations.
- One industry standard parallel printer interface.
- Support for industry standard 8" single or double side, single or double density floppy disk drives. Capacities range from 500 K bytes to 6,000 K bytes of floppy disk storage.
- Availability of optional non-removable hard disk subsystem providing from 11,000 K to 44,000 K bytes of high performance fixed media storage.
- Software support for industry standard OASIS, CP/M 2.2, CP/M 3, and MP/M-II operating systems.
- Heavy duty, all metal system enclosures provide both reliability, EMI/RFI sheilding, and good service access.
- Industrial grade power supplies, with line transient suppression, line filtering, and output protection.

The RWS Series 1 microcomputer is implemented in industry standard LS-TTL, NMOS, and CMOS integrated circuit technologies. No custom or difficult to obtain parts are utilized. All integrated circuits are installed in sockets for ease of repairability. Full source code is provided for all internal firmware.

Full disclosure of the electrical design of the complete system is provided as a standard feature of the product. Both a complete schematic, and a component placement pictorial are furnished for each system component. A full manual for each component includes parts lists, design description, and diagnostic information.

The standard RWS 13 month parts and labor warranty applies to this product.