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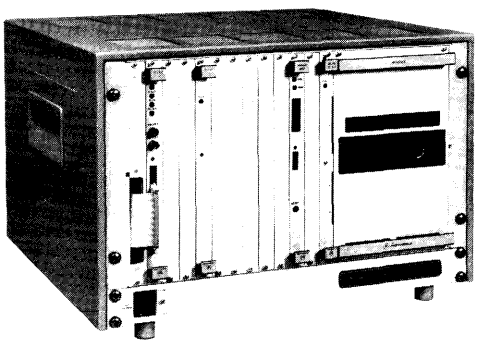
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SYS1131UY331
SYS1131VY331

VMEbus Modular Systems With SYSTEM V/68™ Or VERSAdos™ 4.5



FEATURES:

- SYSTEM V/68, Release 2 (SYS1131UY331)
- VERSAdos 4.5 (SYS1131VY331)
- MVME204-2 2Mb Dual-Ported DRAM with MVMX32bus Interface*
- MVME320A-1 Disk Controller
- MVME050 System Controller
- 70Mb Winchester
- 655Kb Floppy Disk
- Four RS-232-C Ports (total)
- One Centronics Printer Interface
- MVME131 Microcomputer with
  - — MC68020 Microprocessor
  - — MMB851 Memory Management Unit
  - — Socket for MC68881 Floating Point Co-Processor
  - — Two Sockets for JEDEC 28-pin ROM/EPROM Devices
  - — Two Sockets for JEDEC 28-pin RAM ROM Devices
  - — Two Multi-Protocol Serial Ports
  - — A32:D32 VMEbus Interface
  - — MVMX32bus Interface*

SYS1131 MVME945 CHASSIS FEATURES

- 19" Rack Mount Chassis with Tabletop Enclosure
- Transverse 400 W Mid-Chassis Power Supply
- Twelve-Slot, VMEbus-Compatible Cardcages
  - — SYS1131 — A32, D32 Backplane
- Accommodate up to 20 Rear-mounted 80 mm I/O Transition Modules

The greatest advantage of a VMEbus-based system is its modularity. To a core system, add only those software and hardware components required for the application. Then serve a new application by changing only a component or two.

The two VMEbus Modular Systems are versatile core systems configured using standard VMEbus modules. Supplied in 19" rack-mountable chassis with an enclosure for desktop use, the systems have ample room for hardware expansion. Each system offers outstanding performance by virtue of an intelligent mass storage controller, high-performance system RAM and a powerful monoboard microcomputer based on the MC68020 32-Bit Microprocessor. The MVME050 System Controller and the MVME701A I/O Transition Modules provide bus control and accommodate serial and parallel I/O for both systems.

These modular systems provide a high-performance core around which, using standard VMEmodules, a microcomputer system serving a specific application can be configured. Seven additional slots in the VMEbus backplane are available for expansion. Positions are available for adding additional I/O transition modules, if desired.

For software development under, the SYS1131 provides a 4-user environment. Additional users can be accommodated by adding an appropriate VMEmodule such as the MVME331 Intelligent 6-Channel Serial Communication Module. The MVME320A-1 Intelligent Mass-Storage Controller supplied with the core systems enhances the use of system resources by SYSTEM V/68 and VERSAdos.

SYSTEM V/68

Derived from UNIX System V/M68000, the product jointly developed by Motorola Inc. and AT&T, SYSTEM V/68 is the validated port to the M68000 family of microprocessors. It offers a small compact kernel, which provides process scheduling and I/O facilities to all programs. Its powerful command processor, the Shell, provides for interactive control. An extensive set of tools and utilities supports program development, text processing, electronic mail and system-to-system communications. As an environment for developing application software, SYSTEM V/68 is unsurpassed.

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