

Revised Powermate Press Release - 6/1/91

Micro Innovations of Reston, Virginia is pleased to affirm the continued availability of the complete line of Powermate computer expansion products for the Coleco ADAM computer. The Powermate products are stand-alone subsystems that give the ADAM two RS-232 serial ports, a parallel printer port, a memory expansion board port, one or two 10, 20, or 40 MB hard disk drives, and one or two 5 1/4" 360KB or 3 1/2" 720KB floppy disk drives.

Powermate subsystems consist of an attractive external enclosure (which houses up to two hard disk and two floppy disk drives), an interface board (which mounts in the center expansion slot inside the Adam), and one or more cables. The external enclosure has sufficient power supply capacity for the full complement of disk drives, as well as an internal fan for effective cooling. Installation of the Powermate requires no modifications to the Adam.

All Powermate subsystems come standard with two RS-232 serial ports - one set up for a CRT terminal or serial interface printer, and the other set up for an external modem. Also standard are an ADAM-compatible Centronics printer port and a memory extender board port for an Orphanware or E&T memory board. The serial ports are addressed so that they do not interfere with existing Adam expansion products. All ports are fully supported by the included TDOS software.

The standard Powermate unit offers a single 10, 20, or 40 MB hard disk drive. A second hard disk drive and one or two 360K or 720K floppy disk drives can be added as options. The supplied software fully supports up to two Powermate hard disk drives (many hard disk partitions), two Powermate floppy disk drives, and the standard ADAM floppy disk and tape drives.

Micro Innovations supplies two operating systems with each Powermate unit - TDOS and EOSHD from AJM software of Ottawa, Canada. TDOS is a significantly improved replacement for the Digital Research CP/M operating system and EOSHD is the standard Coleco EOS operating with Powermate hard and floppy disk capability added. Full support is provided for all Powermate capabilities - both serial ports, the parallel printer port, the memory expander port, and up to two hard and two floppy disk drives.

Utility programs are provided to perform disk and tape formatting, set hardware parameters (to change the floppy disk formats, the serial port defaults, and the IOBYTE assignments), backup and restore hard disk data, and to park the hard disk heads. In addition, many public domain programs are included (assembler, debugger, text editor, archiving, de-archiving, communications and utility packages). Micro Innovations also includes patches to allow the

more common EOS applications programs to execute from the Powermate hard disk(s) and a custom version of AJM Software's popular File Manager to perform the patching.

To install Powermate, just plug the interface board into expansion slot #2 (the center slot), connect the external disk drive enclosure to the interface board, insert the boot disk or tape, and pull the reset switch. Both TDOS and EOS are pre-installed on the hard disk. As delivered, TDOS is the default operating system. To go to EOS, type "EOS" and hit the return key. To go back to TDOS, hit the "Wildcard" key. Instructions are included for the user to make an EOS boot tape or disk, if desired. Software is also provided for the user to change the size and number of EOS and TDOS hard disk partitions.

Powermate prices are \$399.00 for the 10MB unit, \$499.00 for the 20MB unit, and \$599.00 for the 40 MB unit. Floppy disk drives (either 360K or 720K) can be added \$100.00 each at time of order. The disk interface cable is included. Peripheral cables are available for \$14.95 each or can be made out of standard Insulation Displacement Connection (IDC) components. All units come with a 90 day warranty and are completely assembled, tested, and ready to run. The component parts of the Powermate products are not available separately. Walters Software is now delivering a hard disk BOOT ROM, called SmartMate, in the form of a plug-in cartridge.

Micro Innovations also sells an ADAMnet™ Floppy Disk Drive in 320K and 720K versions and a Multipurpose Interface Board (MIB2). See the appropriate press releases for additional information on those products.

To place an order for Micro Innovations products, or to request additional information, contact Micro Innovations, 12503 King's Lake Drive, Reston, VA 22091 - (703) 620-1372. Micro Innovations products are also available through several ADAM computer dealers. Contact Micro Innovations or your favorite dealer to purchase those products. Normal Micro Innovations business hours are 6:30 to 9:30 PM, Monday through Friday. A telephone answering machine will record requests for assistance or information outside the normal business hours.

Orders can also be placed (and information can be requested and downloaded) through the Micro Innovations Bulletin Board at (703) 264-3908. BBS hours are 6:30 PM through 6:30 AM, Monday through Friday and around the clock on weekends and holidays. The BBS telephone line is used for other purposes during normal 8:00 AM to 5:00 PM business hours during the week. Please do not call the BBS during those hours. Micro Innovations also can be reached by fax - call the voice line to leave your fax.