

OTRONA™

2001™

The Otrona 2001 computer is both a better portable AND a better desktop system. To complement the 2001 in any work environment, Otrona provides an impressive array of external and internal product options.



External System Options:

The **Otrona 2051 Monochrome Display** is a 12", fully adjustable, extra large screen designed to fit neatly on top of the 2001 computer, or in any convenient position on your desk. The 2051 Display has the same high bandwidth and scanning frequency of the 7" internal display. This ensures that the same extra sharp characters and graphics can be displayed on either CRT. The 2051 Display uses an amber phosphor, and the base pedestal allows the display to be tilted or rotated to achieve the most comfortable viewing angle.

The **13" Otrona 2052 Color Display** uses a high performance, 31.5KHz scanning frequency that is twice that of conventional color displays. The result is sharp, beautifully formed characters and images. Colors don't "wash out" and solids appear solid, not matrixed. Now, word processing software that supports color can be used for hours on end, without the "fuzzy blurs" associated with conventional color displays. Bar Charts have straight edges and well-defined borders.

The **Otrona Diskette Vault** is a unique diskette storage module that can be installed or removed in seconds. It provides an attractive, convenient, secure place to store and lock diskettes. The modular design of the Diskette Vault allows you to replace the 7" CRT with the vault. This configuration is especially useful for full-time desktop applications.

The **Otrona 2031 Matrix Printer** is a sleek, high speed dot matrix printer that will print both single and multicopy text and graphics. Light weight and using a new "square pin" design and mylar film ribbon, the print quality is exceptional.

The 2031 uses a parallel interface and can print four styles of text: Pica, Italic, Pica Bold, and Emphasized. The 2031 is Epson compatible and has a built-in self-test program. An optional parallel printer cable is also available.

Processor Board Options:

Several options can be added to the 8088-based 2001 Processor board without sacrificing any external expansion slots. These options include a Real Time Clock, an 8087 Math Coprocessor, a Memory Expansion Tray and a secondary Processor board.

Real Time Clock is powered by a NicCad battery that is automatically recharged during system operation. The Real Time Clock continuously updates Day-Month-Year and Time. This allows the user to forget about entering this information prior to using the system.

8087 Math Coprocessor is a high speed Intel™ math chip that can perform arithmetic operations hundreds of times faster than the 8088 main processor. This option will execute the appropriate instructions automatically, for software that supports this chip.

The **Memory Tray** supplements the standard 128K RAM. It comes with 128K of additional RAM and can accept up to a total of 384K RAM in 64K increments. Therefore, a total of 640K of RAM, the maximum amount of memory that can be used in an IBM PC, can also be used in your 2001 computer.

I/O Board Options:

The 2001 I/O board comes standard with a serial RS-232 port and a parallel, Centronics type port. The I/O board also has a high resolution upgrade, increasing resolution to 640 x 400 pixels. This is twice that of the IBM PC. In addition, the I/O board can accommodate two I/O board options via on board connectors. These options include an Internal 300/1200 baud Modem, an additional serial (Async) port, and Synchronous port.

The **Serial Port** option adds another RS-232 port to the side of the system. With this option installed, the 2001 can support two RS-232 devices (printers, plotters, modems or mice). Baud rates range from 50 to 9600. An optional communications cable is also available.

The **Synchronous Port** will support synchronous modems and the SDLC protocol. A maximum transmission rate of 9600 baud is possible. The RS-232 connector port for the Synchronous option is added to the right side of the 2001 computer. The optional communications adapter cable is also available.

The **Otrona 2001 Expansion Chassis** attaches to the rear of the 2001 computer to provide three full size IBM PC compatible board slots. This means that hardware options intended for use in the IBM PC can also be added to the Otrona 2001. The Expansion Chassis adds only 5" in additional depth to the standard system and accepts the 2001's removable rear cover panel.

Internal System Options:

The Otrona 2001 computer is supplemented by internal options including high capacity floppy and winchester hard disk drives, multi-voltage DC power, and a comprehensive family of processor, memory and I/O related products.

The **Floppy Disk Options** include a second 48 tpi floppy disk (360 Kb) and high capacity (720Kb) 96 tpi floppy disks. The high capacity floppy disks provide twice as much data and backup capability as standard, 48 tpi disks. Now, all of your operating system and application software can fit on a single disk. The 96 tpi drives are enhanced by Otrona's unique firmware that automatically determines if a disk is 48 or 96 tpi and allows the system to be booted from either floppy drive "A" or "B" or the hard disk.

The **Internal Hard Disk** has a 10Mb data capacity, yet requires no more internal space than a half-height 5¼" floppy disk. This disk withstands the rigors of a portable environment, protecting your data and providing the high performance and data capacity needed by many of today's more sophisticated applications. The Hard Disk option includes a disk controller that is added to the 2001 system I/O board. Hard disk operations are supported by Otrona's user friendly Disk Manager 2 backup and file transfer program. Like all Otrona disk drives, the hard disk is shock mounted to ensure reliability.

DC Power is an Otrona 2001 option for using a DC source to power the system. Simply connect the DC power cable, plug in the optional battery pack and you can use your 2001 anywhere! The internal design is extremely efficient and will function over a voltage range of 12 to 24 volts. Air, Land and Sea applications as well as military field use are now potential candidates for the 2001 computer!

Internal Modem can transfer and receive data over telephone lines at either 1200 or 300 baud and is 212A compatible. It has high performance features including auto-dial and auto answer and is compatible with software for the Hayes series of modems. The internal modem adds only a few ounces to your system and opens up an enormous spectrum of communication services, electronic mail and data. With the internal modem in your 2001 computer, your office and corporate data base are always as close as the nearest telephone line.

System Accessories:

Several accessory items have been designed for the Otrona 2001 computer. These accessories include an attractive custom made Travel Pack, Keyboard Templates and a NicCad Battery Pack.

Travel Pack is an attractive yet rugged black Cordura nylon pack. It is fully padded and includes two accessory pockets and a well-padded shoulder strap and hand grip. The slick taffeta lining makes it easy to insert or remove your computer. The Travel Pack is attractively styled and an excellent means of ensuring that your system receives the maximum protection possible during transport. This accessory is a must for the mobile professional.

Templates that fit neatly into the molded tray above the function keys on the keyboard can provide a handy reference for specialized applications that make specific use of the function keys. Templates for MS-DOS™ /GW BASIC™, Lotus 1-2-3™ and Flight Simulator™ are available.

Battery Pack is a sealed NiCad battery that weighs only 3.5 pounds. It comes with its own charger and can power a system for approximately 40 minutes before requiring a recharge. The battery pack provides more power in a smaller package than is possible with more conventional lead-acid types and has a maximum power rating of 120 watts.

For more information or the name and address of your nearest authorized dealer, call 1-800-525-7550.

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