

The WY-1000

Meet the WY-1000, the most exciting concept in microcomputers on the market today. The WY-1000 combines the latest in high performance microprocessor and display technologies to provide a truly modular system of microcomputer components.



WYSE
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The WY-1000 is designed to meet a wide variety of situations from simple conversational on-line terminals to sophisticated full function intelligent workstations. Whether the application be simple data entry and word processing, or whether it requires mass storage and high performance computer graphics, the WY-1000 provides the answer by placing the right amount of computer power where it is required... On the users desk.

Setting New Standards

The WY-1000 is a big computer with big computer features, yet it is one of the lowest cost and most compact machines around.

This combination of small size, good looks, and high performance sets a new standard for the industry. Wyse can do this because every product is entirely designed and built by Wyse Technology. The design team has a commitment to excellence. And they never settle for anything less.

Everything, from the compact switching power supplies, the keyboards, and the display monitors, right down to the brightness control knob, is designed and built in Wyse Technology facilities.

By not purchasing ready made sub-assemblies, more efficient designs are achieved.

And the cost savings are passed on to the end user.

A Family of Building Blocks

Starting with a low cost alphanumeric terminal, the Wyse microcomputer system can be upgraded in easy steps through a whole variety of configurations.

The simple addition of the basic WY-1000 microcomputer turns the WY-50 display terminal into a powerful and sophisticated desktop workstation capable of a wide variety of personal and business applications.

Options include a graphics display controller which provides a high resolution bit mapped display suitable for the most demanding graphics applications. It even supports a full color capability available with the Wyse color display terminal.

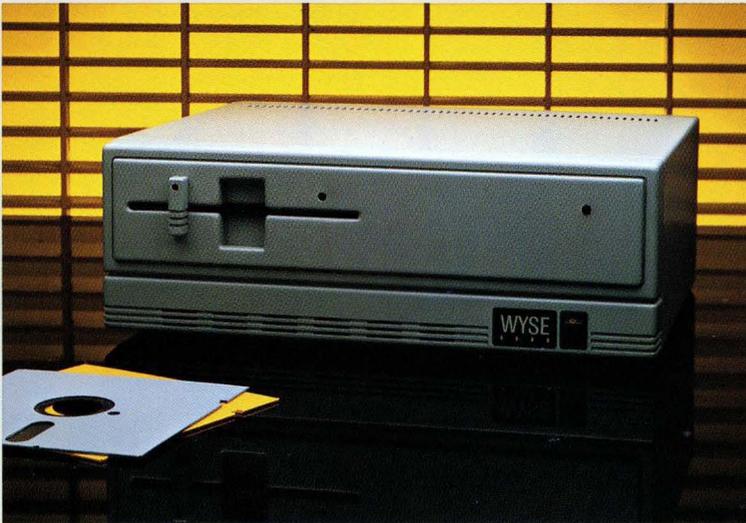
Local storage consists of a pair of low profile diskette drives. But for those applications requiring more mass storage, up to 10 Mbytes of fixed disk can be optionally provided with the system.

The system also has a full range of I/O capability and can connect to most printers and graphics devices.

It even has an RS422 interface which allows multiple systems to be networked together at speeds up to 500k bps.

The high speed processor architecture, large memory capacity, fast graphics, and sophisticated data communications make this microcomputer the most powerful in its class today.





Why Wyse?

In just a few short years, Wyse Technology has made a major impact in the micro-processor based display products marketplace and Wyse terminals have rapidly become market leaders.

Just one look at any Wyse product will tell you why.

Built to the most demanding quality requirements, Wyse products conform to the highest ergonomic and aesthetic standards.

Not only do they perform well, but they enhance any office by their compact size and good looks.

Wyse products are packed with high performance features and generally cost much less than comparable products.

The WY-1000 is no exception and can outperform most popular 16 bit microcomputers in the same price bracket by at least 3 to 1.

That's real performance.

The large 14" high resolution screen makes the picture easier to read than any other machine in this class. Wyse has been able to do this through significant vertical integration in manufacturing and an approach to product development which constantly strives to produce the very best products.

General Description

The WY-1000 microcomputer is a unit which when added to the popular WY-50 display terminal converts it to a complete micro system.

The design is based on the Intel 80186, a high performance microprocessor which provides much greater processing power than earlier 16 bit devices.

The WY-1000 unit is designed as a compact desk top enclosure which takes virtually no room on a desk. The separate display terminal can be used 'side by side' or placed on top of the microcomputer. This arrangement allows maximum user convenience.

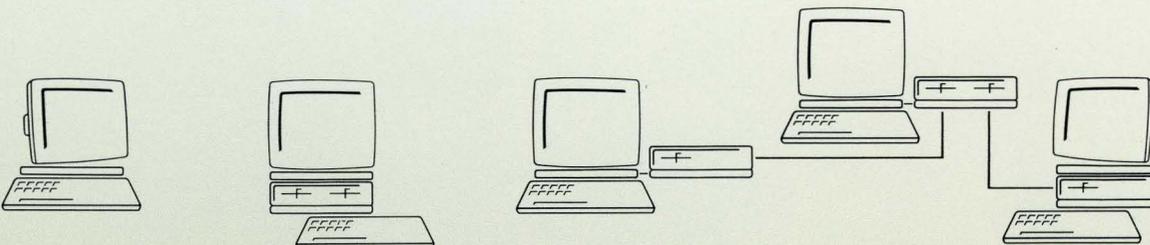
Up to two optional cards can be fitted within the basic enclosure thus allowing extremely powerful configurations to be provided within a very small unit.

The machine is quite capable of running most popular operating systems and application software. Wyse offers full support for the popular MS-DOS operating system from Microsoft. This system enables most languages and a wide variety of application programs to run on the WY-1000.

Graphics are supported through the Digital Research GSX extensions which allow large amounts of existing graphics software to run on the system.

For the systems integrator, or OEM user who is looking for a single solution to a wide variety of terminal, graphics and workstation applications, the WY-1000 microcomputer provides a powerful and economic solution.

The good looks and ergonomic design of this family of products will certainly enhance any overall system solution and improve user satisfaction. The WY-1000... A system builders' dream.



Specification Summary

Physical	<p>WY-50 Display Terminal: 12"Hx12.3"Wx13"D (30.48 cmx31.24 cmx33.02 cm). WY-1000 Microcomputer: 4.25"Hx12.3"Wx12.5"D (10.8 cmx31.24 cmx31.75 cm). WY-50 Keyboard: 2.25"Hx17.25"Wx7.6"D (5.72 cmx43.82 cmx19.3 cm). Finish: two tone gray. Shipping weight: WY-50 27 lbs (12kg). WY-1000 22 lbs (10kg).</p>
WY-1000 Processor	Intel 80186 operating at 8 MHz with no wait states.
Memory	128 kbytes minimum expandable to 768 kbytes RAM memory. 16 kbytes PROM bootstrap and self test.
Disk Sub-System	Dual double sided double density 5¼" low profile removable diskette drives. IBM format compatible. 362 kbytes each.
Primary Serial Port	RS 232C serial interface with additional circuits for support of graphic option. 110-38,400 bps. Supports asynchronous, bisynchronous, and bit synchronous protocols.
Secondary Serial Port	RS 232C/RS 422 serial interface. Supports asynchronous, bisynchronous, and bit synchronous protocols. Speeds up to 600 kbps. Tri-State drivers support local area network.
Printer Port	Centronics compatible parallel port for connection to most printers or similar devices.
Graphics Option	800x327 pixels two planes. 800x286 color with 4 simultaneous colors or 400x286 with 8 simultaneous colors. Two additional RS 232C serial ports for graphic I/O devices. Shared memory architecture with 'no wait state' design.
Fixed Disk Option	10 Mbyte low profile Winchester disk sub-system. Replaces second diskette drive.
WY-50 Display Terminal	Ergonomic asynchronous terminal with 14" high resolution screen and 80/132 column by 26 line display format. Features low profile sculptured keyboard with 16 function keys, separate cursor control keys, and numeric pad. Operates up to 38,400 bps and includes bit map graphic capability when used with WY-1000 graphic option.
Software	Microsoft MS-DOS 2.1 operating system with Digital Research GSX graphics extension. Compatible with most popular 16 bit microprocessor languages and applications packages.
Environmental	<p>Operating conditions: 10°C -33°C. Humidity: 10% -80% non-condensing. Altitude: Sea level -10000 ft. Storage conditions: -40°C -50°C (excluding diskette media).</p>
Power	115/230 Volt ±10% 47-63 Hz.

MS-DOS is a trademark of Microsoft Corporation.
GSX is a trademark of Digital Research Corporation.



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