



**data  
systems**

## ZENITH'S Z-200 ADVANCED PC



### **Power, IBM PC-AT compatibility and expandability in a desktop computer system.**

In these information-intensive times, staying ahead of your information processing demands is a constant challenge.

To increase productivity you need to be able to manipulate and evaluate large amounts of data in virtually no time at all. And that takes an advanced PC system that's capable, compatible and very quick to react...the high-speed Z-200 Advanced PC from Zenith Data Systems.

Based on the 80286 processor, the Z-200 features unparalleled processing speed, IBM PC-AT compatibility, large storage capacity and quiet operation for today's business, engineering, scientific, and multi-user/multi-tasking applications.

The Z-200 Advanced PC is highly compatible, so you can use it to run virtually all PC-AT applications, as well as many programs written for the IBM PC and XT. Plus, you get features such as an enhanced detached keyboard, memory upgradable from 512K standard to more than 15 megabytes.

One thing more—the Z-200 PC's price is very compatible, too! So for PC performance you can count on, go with a name you can trust...the Z-200 Advanced PC from Zenith Data Systems.

**Total Performance  
and Advanced  
Computer  
Technology  
Designed  
Specifically for the  
Demanding  
Professional...  
The Zenith Z-200  
Advanced PC!**

# Introducing a new e the Zenith Z-200

## Memory expansion to meet growing needs.

The Z-200 ADVANCED PC economically meets the needs of a new generation of PC applications from the start. A 512K RAM comes standard and, when it's time to expand, you can easily upgrade to more than 15 MB!

## Extensive storage capacity.

The system provides a standard single drive 1.2MB capacity. To easily transport PC software to the Z-200 ADVANCED PC, simply add a second 360KB floppy drive.

Other options include an identical second 1.2MB floppy, or an internal 20MB Winchester hard disk drive.

The Z-200 ADVANCED PC comes with a built-in Winchester-floppy disk controller. This allows the system to handle up to two floppy and three hard disk drives for the maximum in data storage efficiency.

## High speed data processing.

Based on an 80286 processor the Zenith Z-200 operates up to 2½ times faster than a standard PC with an 8088 microprocessor. Zenith's "no wait state" technology also makes the Z-200 one-third faster than the PC-AT! Which means you not only save time, but get your results where they're needed faster.

## Advanced keyboard design.

The Z-200 ADVANCED PC's low profile keyboard has a settable angle preference mechanism, on-board 4 function calculator keypad and 10 programmable function keys. Each sculptured key is clearly labeled in English to permit fast entry and reduce error.

## Select from text, graphics or high-resolution video options.

The Z-200 ADVANCED PC offers video cards with high resolution text mode displays. Graphics and color options; and high resolution graphics. Virtually any PC video card works in the Z-200 ADVANCED PC, and Zenith has high-quality video monitors to go with them.



# era in productivity... ADVANCED PC.

## Expansion slots let you add capabilities as needed.

Two 8-bit only slots, four 8-/16-bit slots, and one Zenith video option slot make upgrading your system easy. You get virtually unlimited potential for memory cards, communication devices, enhanced visual display options, multi-port serial cards and more.

Serial and parallel ports are also standard for access to a printer, plotter, modem or other peripheral.

## Cost-effective local area networking.

The Z-200 PC can efficiently serve as many as 16 PC's on a local area network. Compatible with the IBM AT, it provides a disk drive "lock out" status for security from unauthorized access, assuring that each user's files are protected.

## New advanced technology MS-DOS 3.1 and Xenix Operating Systems.

Microsoft's MS-DOS 3.1 and Xenix provide the key to advanced hardware and software communications. Via these systems, the Z-200 ADVANCED PC allows both single- and multi-user advanced configuration. It's now possible to perform several programs simultaneously such as writing one file while printing another file. And Zenith Data Systems has complementary data terminals for any Xenix application.

## Total support from a leader in compatible PC design ... Zenith Data Systems.

When you choose a Zenith PC, you get more than a high performance computer system. You also get the benefits of a 65 year tradition of state-of-the-art technology. Full service and support, from reliable documentation to on-site maintenance. Plus the assurance of a special telephone hotline number for technical assistance when you need it.



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WHEN TOTAL PERFORMANCE IS THE ONLY OPTION

## Zenith Data Systems Z-200 PC-AT Specifications

### CPU AND MEMORY

**Processor:** ..... High performance Intel 80286.

**Memory:** ..... 512K of Dynamic RAM; internal parity check standard; expandable in 1.5MB blocks using Z-405 card. 64K ROM. 4K special RAM.

**Operating Systems:** ..... Microsoft MS-DOS 3.1 and Xenix.

**Video:** ..... Optional. Compatible cards include: IBM monochrome display adapter, IBM color graphics display adapter, IBM enhanced graphics adapter, IBM professional graphics adapter and Zenith's Z-329

**Drives:** ..... Basic system — Single 5¼" double sided/ double density floppy drive with 1.2MB (brackets included for additional 5¼" drive or Winchester); Enhanced system — Single 20MB high speed Winchester and single 1.2MB floppy drive.

**Keyboard:** ..... Detached, low-profile to conform with DIN standards; 3 ft. coiled cord expandable to 6 ft.; 10 function keys; 57 alphanumeric; lit caps, numeric and scroll lock; audible click on each keypress; auto-repeat with rate advance.

**Cursor:** ..... Blinking underline or reverse.

**Cursor Controls:** ..... (Up, down, left, right, home, end, page up, page down).

**Cursor Addressing:** ..... Relative or direct.

**Tab:** ..... 8 column tab.

**Bell:** ..... Audible alarm in receipt of the ASCII BEL command.

**Clock:** ..... Continuous running real time clock with NiCAD battery.

**Diagnostics:** ..... Automatic power-on with LED indicators; ROM-based user-invoked LED display; optional disk-based diagnostics.

### I/O PORTS

**Serial Port:** ..... Male DB25 EIA RS-232C connector; asynchronous RS-232C compatible.

..... (User software selectable— Number of start bits - 1; Number of data bits - 5, 6, 7, or 8; Number of stop bits - 1 or 2; Baud rate - 110, 150, 300, 600, 1200, 2400, 4800, 9600, 19,200; Signals monitored — receive data, clear to send, data set ready, and carrier detect; Signals controlled — transmit data, request to send, data terminal ready.

..... Supports both full and half duplex operation. Odd, even or null parity.

**Parallel Port:** ..... Female DB25 connector; Centronics compatible.

### EXPANSION

**Capability:** ..... 10 bus slots; 7 empty and available for expansion. 2 8-bit only PC-compatible, 4 open 8/16-bit PC-AT compatible expansion slots, and one Zenith video option slot.

### PHYSICAL

**Weight:** ..... Single floppy drive - 35 lbs. (15.9Kg); Winchester & floppy drive - 38 lbs. (17.2Kg).

**Size:** ..... 21"W x 16.5"D x 6.5"H (53.3 x 41.9 x 16.5cm).

### OPERATING ENVIRONMENT

**Temperature:** ..... 50-90°F.

**Humidity:** ..... 20-80% relative humidity.

**FCC Approval:** ..... FCC class B, UL, CSA approved.

### POWER

**Requirements:** ..... 110/120 volts at 50/60 Hz at 165 watts, switch mode power supply.

### ORDER NUMBERS

**ZF-241-81:** ..... Single 1.2MB floppy disk drive.

**ZW-241-82:** ..... 20MB, 40 millisecond Winchester disk drive.

**Options:**

**Z-207-7:** ..... Standard 360K floppy disk drive.

**ZD-12:** ..... 1.2MB floppy disk drive.

**Z-217-22:** ..... 20MB, 85 millisecond Winchester disk drive.

**ZD-200:** ..... 20MB, 40 millisecond Winchester disk drive.

Specifications subject to change without notice.




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 THE QUALITY GOES IN BEFORE THE NAME GOES ON