30/9/88

ZENITH DATA SYSTEMS ANNOUNCES SUPERSPORT PORTABLE!

Zenith Data Systems is pleased to announce an innovative 80C88-based portable computer, the SuperSport Portable Computer. This computer showcases Zenith Data Systems' brilliant backlit Supertwist LCD screen in a new modular design that allows users to choose the weight and size most appropriate for the need at hand. If users will be in situations where outlets are available, they can bring the AC-powered portion only, with the result being that they have an extremely compact, lightweight system for the purpose. If they prefer the complete freedom of battery-powered computing, they can add the battery of their choice to match the computing time required.

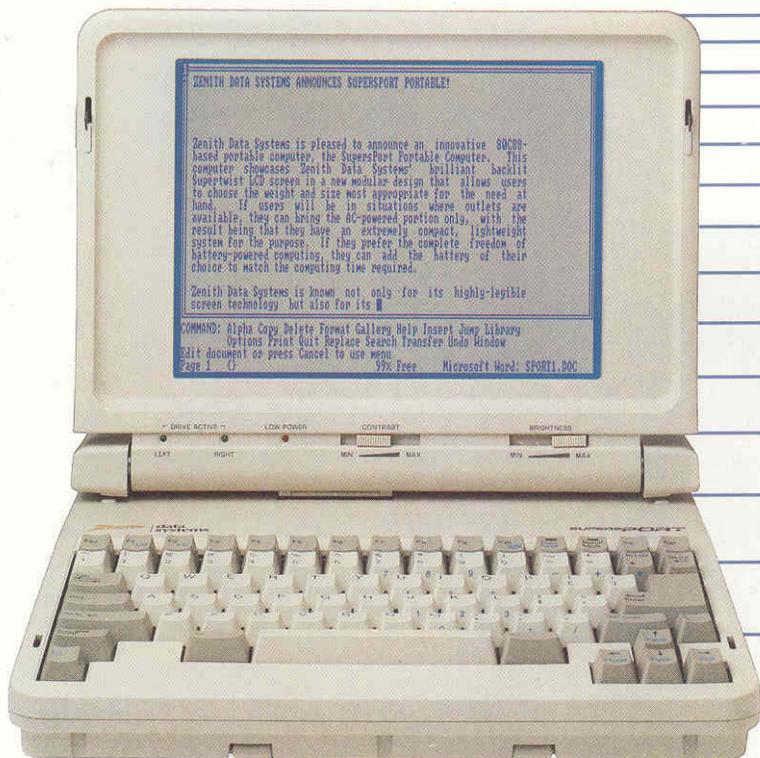Zenith Data Systems is known not only for its highly-legible screen technology but also for its █
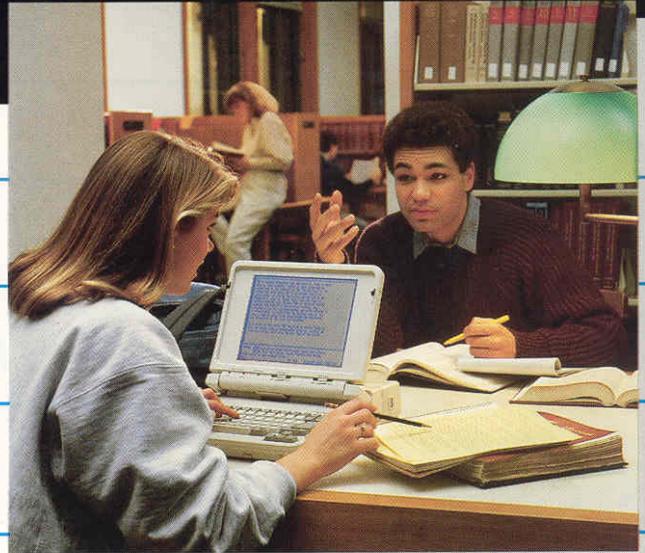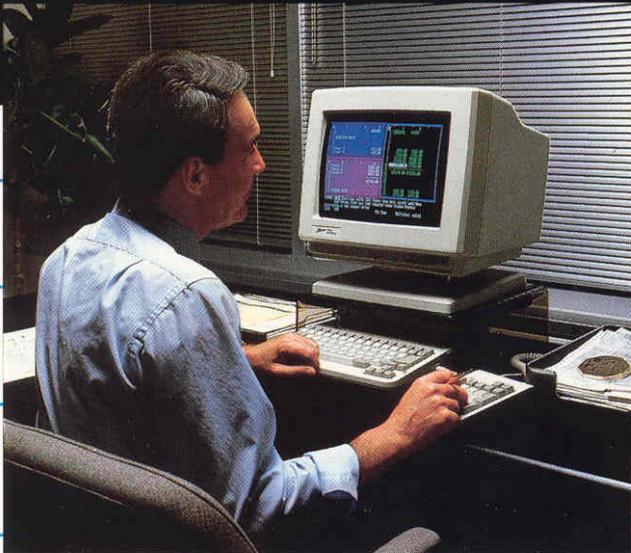
With a detachable

battery and your choice

of fixed or floppy disk

configurations, SuperSport

sets new standards in

portable PC versatility.

ZENITH | **data systems**

The powerful, flexible SupersPort adds a new dimension to your out-of-office work potential.
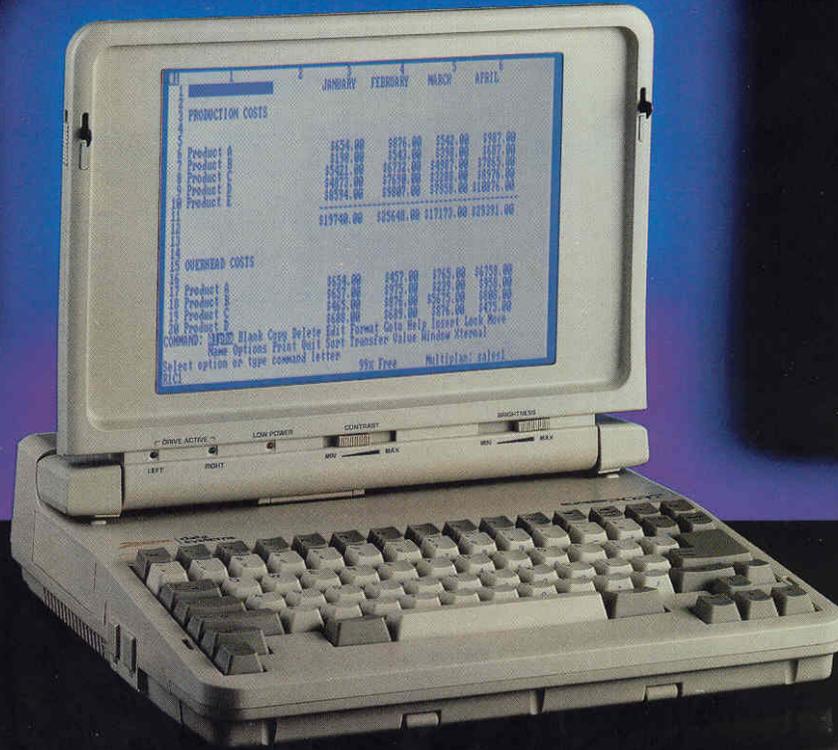
Two high performance models to fit your needs.

Zenith Data Systems has combined economical high speed 80C88 performance with versatile small packaging to create the SupersPort.

Here is flexibility unsurpassed: SupersPort lets you choose the power and options to meet your requirements. SupersPort Model 2, with dual 720K 3.5" floppy drives, includes 640K RAM standard. Installation of a RAM expansion board with EMS (Expanded Memory Specification) upgrades the memory to 1.64MB...enough to run large spreadsheets or operate in a "windowed" environment.

SupersPort Model 20 offers the same features as the Model 2 in a fixed drive configuration, with one 20MB fixed drive and one 720K 3.5" floppy drive, to provide considerable storage capacity for large applications and databases. The fixed disk's protective autopark read/write heads with adjustable timeout capability ensure maximum file safety and controllable battery life.

To maximize your investment, the Model 2 can be upgraded to the Model 20 configuration with a service center-installed fixed disk upgrade.

Detachable battery pack lets you travel light.

SupersPort features a detachable nickel cadmium battery to reduce weight and size when a transportable or desktop system is your only requirement. For remote site operation, the high storage rechargeable battery allows hours of uninterrupted power on one charge. Simple snap-off-and-on design allows you to easily double or triple usage time with additional battery packs.

The sharpest on-screen images available!

Zenith's reputation for superior screen technology is uncompromised with the SupersPort. Clear, crisp images from the highest quality 25 line by 80 character backlit Supertwist liquid crystal display assure comfortable readability in any environment. One third larger than many portable displays, the SupersPort display provides 180-degree smooth tilt to compensate for changing light con-

ditions and viewing angles from your lap or desk. The screen lays flat, out of the way when SupersPort is used with an RGB color monitor, which can be readily attached to the standard video port.

8MHz clock speed ensures faster processing.

With a simple keystroke, SupersPort can run at either 8 or 4.77MHz to provide economical super speed or compatibility with clock dependent software requiring slower speeds. In addition, the lower speed setting can improve battery life.

PC/XT software compatibility.

SupersPort runs most software written for the MS-DOS® operating system with the assurance of the high level of PC/XT compatibility on which Zenith Data Systems has built its reputation. Applications and data stored on 5.25" disks can be converted to the SupersPort 3.5" format in several ways: file transfers via modem, disk-to-disk transfers with an optional external 5.25" floppy drive, or direct computer-to-computer connection through serial or parallel ports using special data transfer software.

Logical keyboard layout.

SupersPort is designed with a full-function, 78-key keyboard. Ergonomic design provides maximum comfort and superior tactile feedback. Each key is clearly labeled to minimize confusing keyboard functions. An expanded 256 ASCII character set, embedded keypad, and twelve programmable function keys are standard. With overlaid function keys or the attachment of an optional 23-key numeric keypad, you get 101-key functionality. Green LED indicators show when specific mode keys are in use.

Adding the peripherals you need is no problem.

SupersPort lets you connect with many peripherals, as your needs dictate. Its RS-232C serial port accommodates printers, mouse devices and other serial peripherals. The parallel port allows printer attachment, and an optional expansion port with optional expansion chassis is available. RGB color monitors can interface with the

standard video port. Zenith Data Systems provides a dedicated port for connecting a separate numeric keypad which, combined with the standard keyboard, provides full 101-style keyboard functionality. A separate drive interface allows connection to an external 5.25" floppy drive without interruption of access to both internal drives. Optional internal Hayes®-compatible modems provide switchable communications rates for 300, 1200 or 2400 bps.
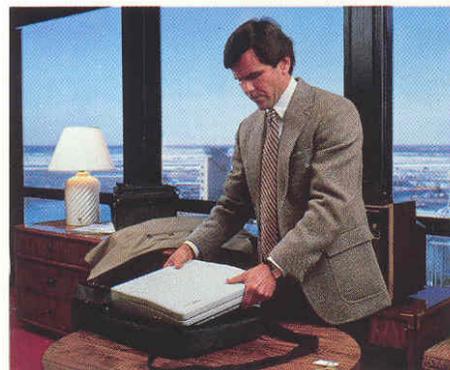
Total support from Zenith Data Systems.

Of course, your SupersPort is accompanied by comprehensive documentation from Zenith Data Systems. You can also obtain complete on-site or off-site service coverage with an exclusive ZDS IQ (Insured Quality) service contract, which can include special swap-out programs for uninterrupted portable computing performance. A limited one year carry-in warranty is provided standard. With hundreds of Zenith Data Systems service centers across the country, you're never far from the service or technical assistance you may require.

ZENITH | data systems

THE QUALITY GOES IN BEFORE THE NAME GOES ON®

CPU AND MEMORY

Processor: . . . . CMOS 80C88 16-bit processor—4.77/8MHz (switchable). Socket for 8087 numeric coprocessor.

Operating System: . . . MS-DOS 3.21 included.

Memory: . . . . 640K RAM standard. Each bank is 8 bits wide, no parity bit. 32K ROM (64K ROM capability). 16K video RAM. RAM expansion to 1.64MB with EMS.

DRIVES

Model 2: . . . . Two 3.5" 720K floppy disk drives.

Model 20: . . . . One 3.5" 20MB fixed disk drive and one 3.5" 720K floppy disk drive.

Optional: . . . . External 5.25" 360K floppy disk drive.

VIDEO

Display: . . . . Electroluminescent backlit LCD; 25 line x 80 characters. 10.5" diagonal viewing area with CRT aspect ratio. Adjustable contrast and brightness. 180-degree adjustable tilt. Adjustable backlight timeout feature.

Display Graphics: . . . . 640 x 200 pixel resolution. Expanded 256 character ASCII set; full descenders on lower case characters; reverse video.

Video: . . . . RGB (with intensity) plus composite monochrome video support standard with 9-pin D connector. "Color" displays are represented by 8 corresponding grey levels.

Keyboard: . . . . Full function keyboard, 78 key logical layout. QWERTY typewriter style with 4 cursor control keys; full ASCII character set; auto repeat; twelve user programmable function keys; calculator keypad overlaid onto keyboard and numeric lock key, plus port for use of separate numeric keypad. Green LED indicators for CAPS LOCK, NUM LOCK, and SCROLL LOCK modes.

Date/Time Support: . . Real time clock and calendar.

I/O PORTS

Serial: . . . . 9-pin male D connector; asynchronous RS-232C compatible; configurable COM ports. User software selectable— Number of start bits—1 Number of data bits—5, 6, 7, 8 Number of stop bits—1, 1.5 or 2 Baud rate—110, 150, 300, 600, 1200, 2400, 4800, 9600, 19200 Signals monitored—receive data, clear to send, data set ready, ring detect 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 configurable.

Parallel: . . . . 25-pin female D connector, IBM-compatible Centronics type.

Video: . . . . 9-pin female D connector for RGB color.

Memory: . . . . Internal 40-pin male connector.

Modem: . . . . Internal 32-pin male DIN connector.

Keypad: . . . . 5-pin female DIN port.

Ext. floppy disk drive: . 25-pin female D connector.

Power: . . . . Connector for AC adapter/charger.

Exp. Slots: . . . . Three internal slots—1 modem, 1 RAM, 1 expansion bus out.

POWER

AC: . . . . 110/220 VAC (60/50 Hz) autosensing adapter/charger.

Battery: . . . . 26 WHr NiCad battery pack for dual floppy or fixed disk models (adapter/charger and battery included with system, 48 WHr battery optional); 12 hour recharge, trickle charge while functioning, red flashing low power LED indicator plus audible warning tone, overcharge and cycling protection.

Operational Range: . . 41-95°F (5-35°C) @ 20-80% humidity (non-condensing).

Storage Range: . . . . . –4-140°F (–20-60°C) @ 20-80% humidity (non-condensing) with one hour recovery.

PHYSICAL

Size: . . . . 12.2"W x 12.2"D x 3.07"H without battery (310mm x 309mm x 78mm). 12.2"W x 15.4"D x 3.07"H with battery (310mm x 382mm x 78mm).

Weight: . . . . Model 2 (w/o battery)—9.7 lbs. (4.4 kg.) Model 20 (w/o battery)— 10.8 lbs. (4.9 kg.) 26WHr NiCad battery pack— 2.55 lbs. (1.16 kg) 48WHr NiCad battery pack— 4.06 lbs. (1.85 kg)

Warranty . . . . 1 year limited warranty, carry-in.

OPTIONS

ZA-180-62: . . . . Carrying case with pocket.

ZA-180-57: . . . . 26 WHr battery pack.

ZA-180-65: . . . . 48 WHr battery pack.

ZA-180-60: . . . . External battery charger for additional battery charging.

ZA-181-7: . . . . Automobile cigarette lighter adapter.

ZA-181-19: . . . . 1200/300 bps internal modem, Hayes-compatible.

ZA-181-24 . . . . 2400/1200/300 bps internal modem, Hayes-compatible.

ZA-180-63: . . . . 1MB RAM expansion card with EMS.

ZA-180-39: . . . . Detachable 24-key numeric keypad.

ZA-180-51: . . . . 20MB internal fixed disk upgrade for dual floppy systems.

ZAS-180-54: . . . . . . Lightweight 5.25" external floppy disk drive with cable and adapter.

Z-161-8: . . . . 8087 numeric coprocessor.

ZAS-3034-EB: . . . . . 3-slot expansion chassis with cable and connector port for fullsize PC/XT compatible cards.

ZA-180-67: . . . . Monitor stand.

CB-31-2: . . . . Portable series diagnostic software.

TS-4364-1: . . . . LAP-LINK® data transfer software kit.

ZENITH | data systems

THE QUALITY GOES IN BEFORE THE NAME GOES ON®