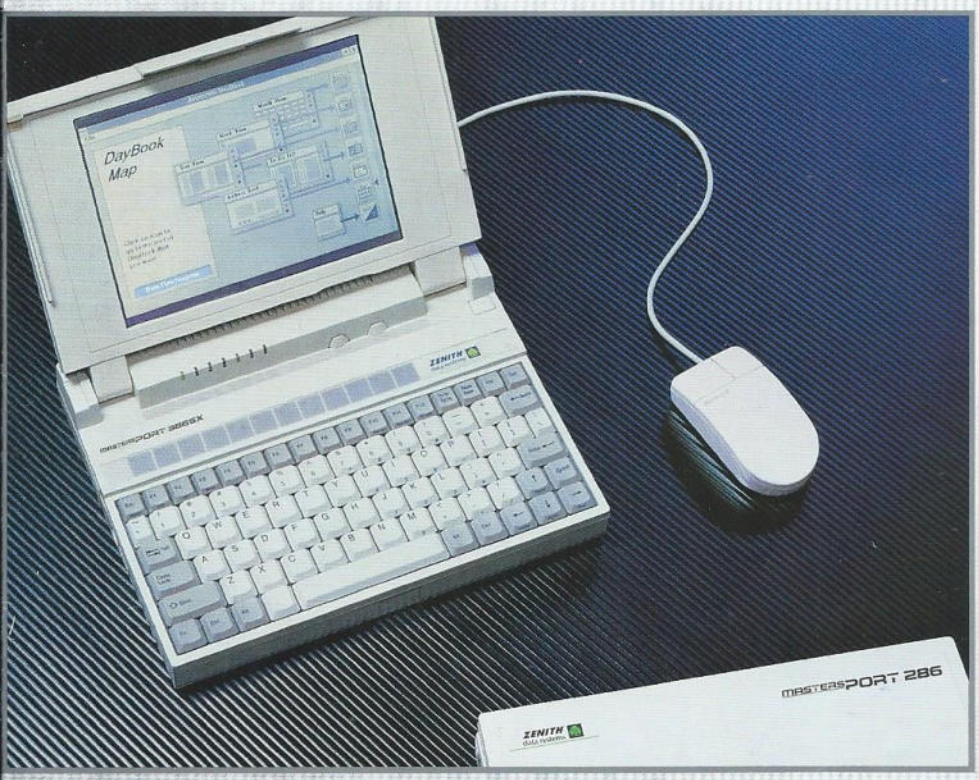
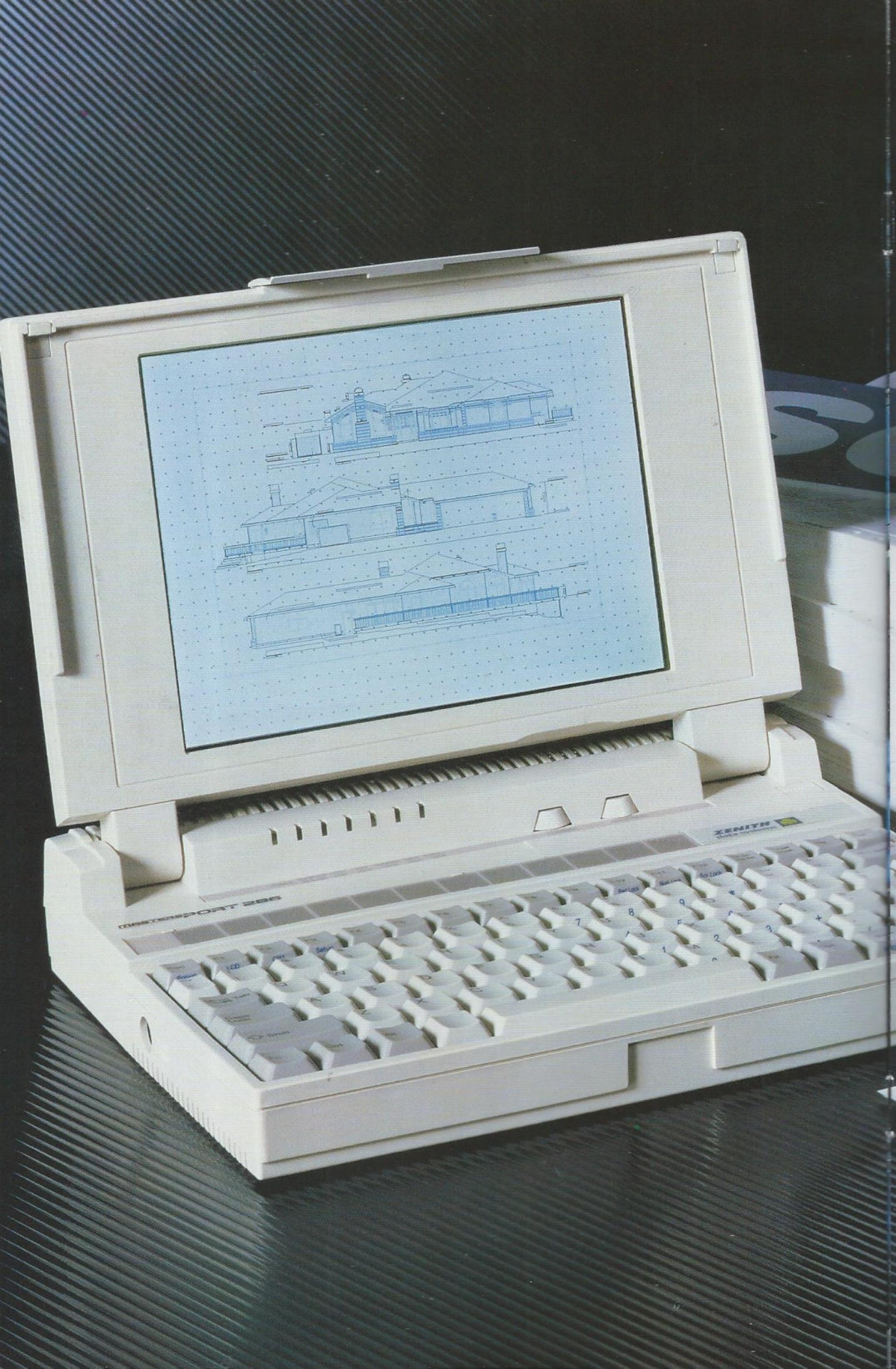


MastersPort™ 286

MastersPort™ 386SX

ZENITH data systems

Groupe Bull


ZENITH

The **MastersPort** notebook computer series from Zenith Data Systems headlines today's feature news in comfortable, uncompromising notebook computing.

Hands-On Favorites.

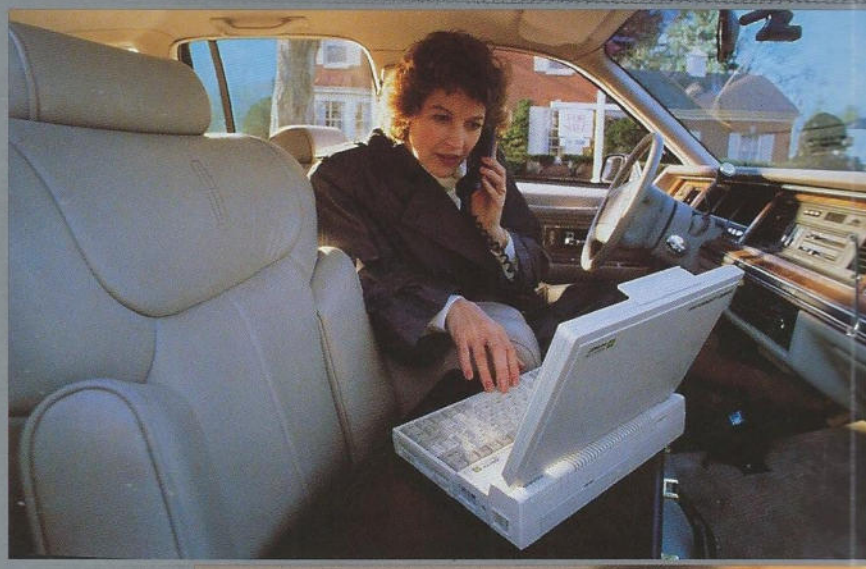
These days, everyone's touting notebook computers as the key to new-found productivity. With so many to choose from, it's hard to get a feel for which one is best for you. Until you pick up one of ours—the MastersPort 286 and MastersPort 386SX notebook computers.

You'll soon discover, notebook computers are not created equal.

If you're looking for a low-priced utility system for programs like word processing, time management, and computer-to-computer communications, our 12MHz 80C286-based MastersPort 286 runs away with the category.

If you use more heavyweight applications like sales presentations, forecasting, and spreadsheets, the 20MHz Intel386™ SX-based MastersPort 386SX (with optional coprocessor) is the number one number-crunching candidate.

But don't take our word for it. We invite you to size one up for yourself. At 6.6 pounds with battery and measuring just 8.5" x 11" x 2," you'll find both MastersPort notebooks give you great pickup. *Go Long.*



Sure, small size and light weight are features common to all notebook computers. But you also want one with staying power. After all, no one wants to worry about running out of power during a three-hour flight or meeting. That's where our MastersPorts go the distance.

The 30MB hard drive of the MastersPort 286 and 60MB hard drive of the MastersPort 386SX offer plenty of storage for large databases.

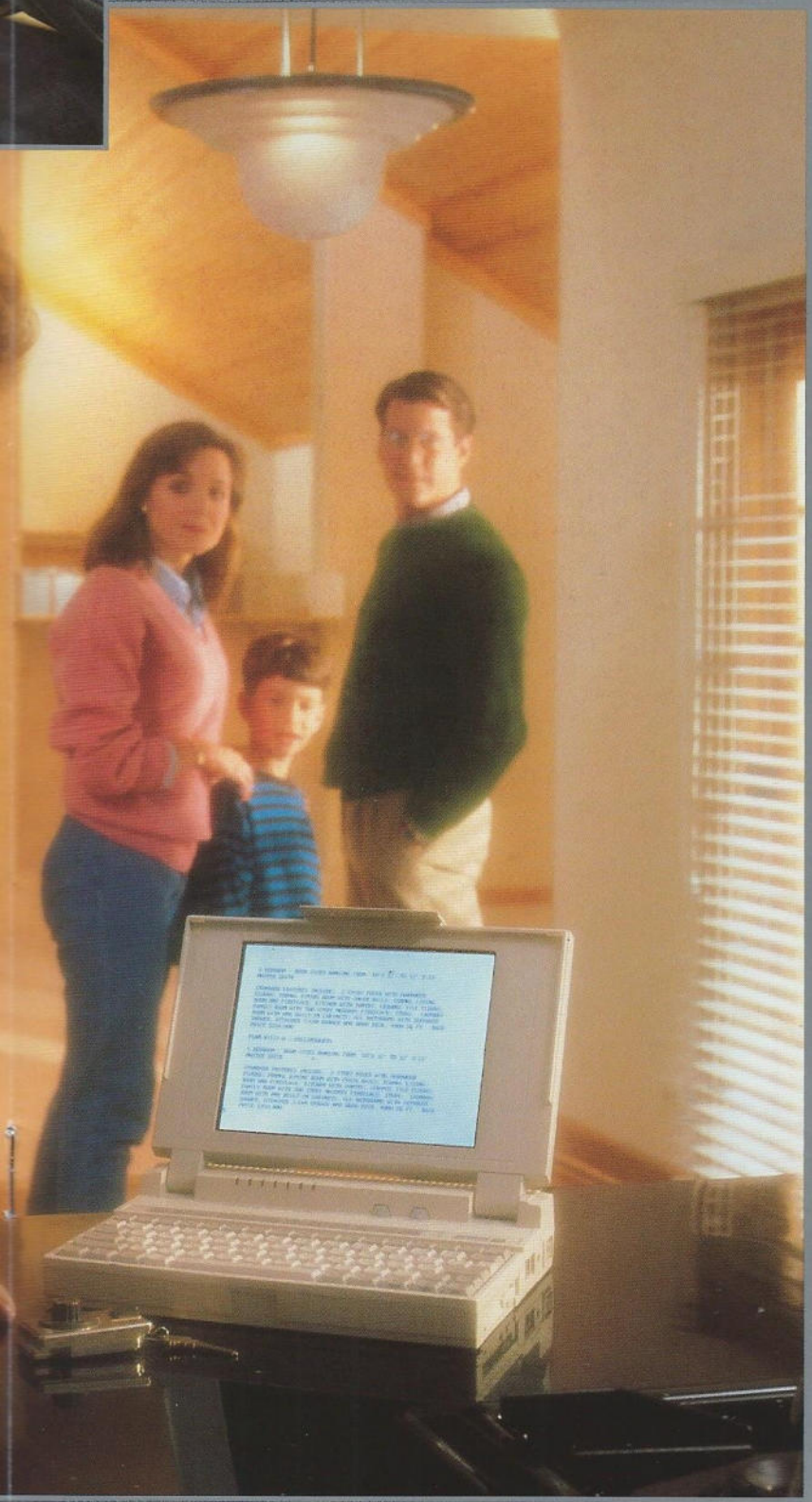
Both feature an internal removable NiCad battery pack averaging three hours of power per charge.* But what pushes these systems beyond the usual limits are their built-in Sleep and Suspend/Resume modes.

The Sleep mode automatically powers down CPU speed after an allotted period of time if no keyboard input or video RAM access have occurred.

In addition, Sleep mode lets you designate through a pop-up menu

*Battery life varies with application, CPU clock speed, memory configuration, peripheral options attached, hard disk access, and display settings.

The MastersPort series, with its graphics and number-crunching capabilities, makes sales presentations ultimately more professional.



the length of time the keyboard and video RAM should remain inactive before the system enters Suspend mode.

The Suspend/Resume mode can be switch-activated, allowing you to completely shut down the CPU and other components, while maintaining power to memory, video RAM, and power management logic.

The Suspend mode is also automatically activated when low battery status is detected and no action is taken. When this occurs, the system saves all data in RAM. For added protection, a separate back-up battery allows you to replace the NiCad battery while in Suspend mode.**

High Standards.

Despite their small size, these systems haven't been short-changed on standard features.

Both feature an 8.85" diagonal, black-on-white VGA-level screen. The true CRT aspect ratio, 16 grey shades, and high screen contrast ratio all ensure crisp text and graphic images—a must for

**Because Suspend mode is operating system-dependent, it is recommended for use only with MS-DOS® applications.

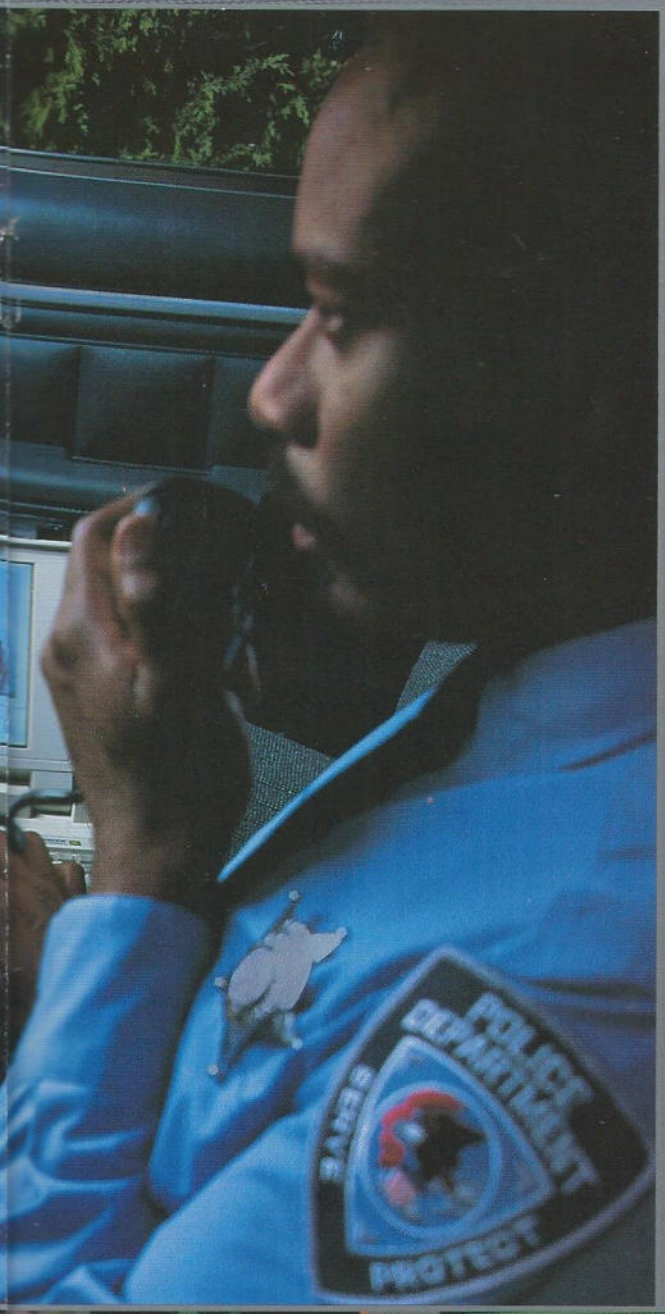
graphical user interface (GUI) applications.

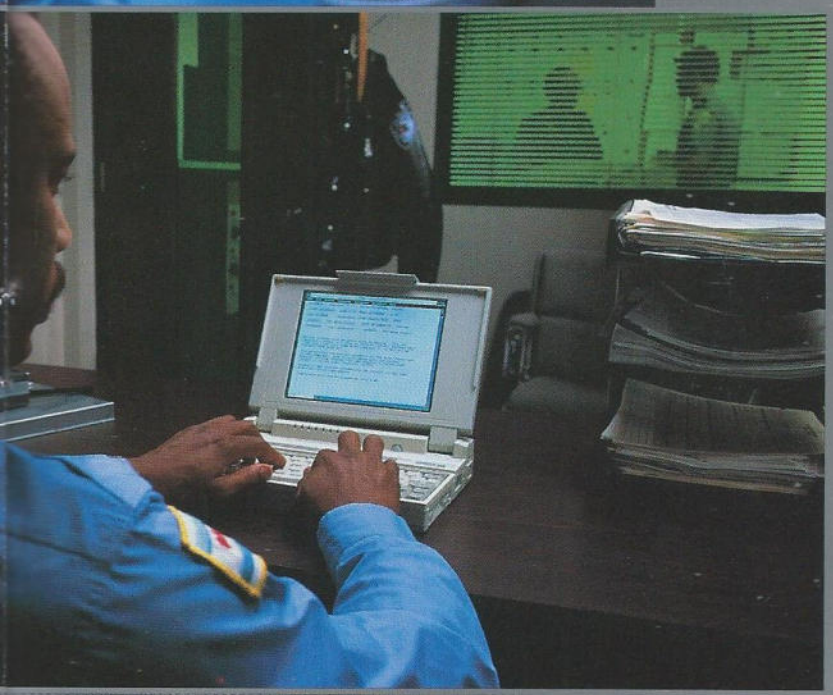
The MastersPort 286, with 1MB of standard RAM, beautifully supports MS-DOS® applications. Total memory expands to 2MB to support GUI applications. The system also comes standard-equipped with a 19ms, 1:1 interleave 30MB IDE hard drive to store large programs, utilities, and data files.

The more powerful MastersPort 386SX features 2MB of RAM standard—generous for both MS-DOS and Microsoft® Windows™ Version 3.0 applications—with expandability to 4MB. A fast 60MB IDE hard drive not only provides mass storage, but also lets you take advantage of virtual memory for multitasking. Virtual memory allows a portion of the hard drive to be used to supplement system memory when running multiple Windows applications at one time.

Both systems also include an internal 3.5" 1.4MB floppy drive. Plus a serial, parallel, and VGA video port for connecting desired peripherals.

The 16 grey shades and high screen contrast ratio of the VGA-level screen ensure crisp text and graphics.





In addition, the 80-key keyboard features twelve physical function keys, and embedded keypad to emulate 101/102-key functionality.

Inside, there are two expansion slots—one to upgrade base memory, the other to support an optional internal Hayes-compatible modem for electronic mail, bulletin board, terminal emulation, and other remote communications.

Service Excellence.

The MastersPort notebook computer series is backed by comprehensive service, technical support, documentation, and a one year limited carry-in warranty with optional TotalCare™ extended service coverage.

For utility applications like word processing and time management, the MastersPort series runs away with the category.

For more information, contact your nearby Zenith Data Systems authorized Medallion Reseller or call 1-800-523-9393 to locate the reseller nearest you.

MASTERSPORT SERIES TECHNICAL SPECIFICATIONS

CPU AND MEMORY

Processor:	**MastersPort 286:** 12/6MHz 16-bit 80C286. Optional 12MHz coprocessor. **MastersPort 386SX:** 20/10MHz 32-bit 386SX. Optional 20MHz coprocessor.
Memory:	**MastersPort 286:** 1MB RAM, expandable to 2MB. **MastersPort 386SX:** 2MB RAM, expandable to 4MB. 128K ROM, including setup and pop-up functions.

DISK DRIVES

Floppy Drive:	Internal 3.5" 1.4MB/720K media detecting floppy disk drive standard with system.
Hard Drive:	**MastersPort 286:** 30MB 2.5" IDE hard disk drive (19ms, 1:1 interleave). **MastersPort 386SX:** 60MB 2.5" IDE hard disk drive (19ms, 1:1 interleave).
Disk Controller:	Embedded IDE disk controller.

I/O INTERFACES

Serial:	One male 9-pin RS-232C serial port.
Parallel:	One female 25-pin Centronics-compatible bidirectional parallel port.
Video Port:	One 15-pin female D for VGA video.
Power:	Connector for AC adapter/charger.

KEYBOARD

Keyboard:	Enhanced 80-key layout with 101/102-key emulation. 12 physical function keys. Embedded keypad. LED mode indicators.

VIDEO

Display:	Cold cathode fluorescent (CCFL) transmissive edgelit black on white LCD; 25 lines x 80 characters. 8.85" diagonal viewing area with CRT aspect ratio. Adjustable contrast and brightness. 180-degree adjustable tilt. Adjustable backlight timeout feature.
Video Display:	640 x 480 resolution, VGA mode. Color displays are simulated in 16 corresponding grey levels. VGA-level compatibility with EGA, CGA, and MDA. Reverse video.
Video Port:	VGA video support standard with D connector.

EXPANSION SLOTS

Internal:	Two internal proprietary slots for modem and memory.

SOFTWARE

Operating System:	MS-DOS (bundled).
Optional:	Microsoft Windows Version 3.0, OS/2™

POWER

AC:	110/220 VAC, 60/50Hz, autosensing adapter/charger.
Battery:	Internal, removable NiCad cartridge battery.
Power Management:	Suspend/Resume mode. Sleep mode. Low battery operation.

PHYSICAL

Size:	11"W x 8.5"D x 2"H (279mm x 216mm x 51mm).
Weight:	With battery—6.6 lbs. (3 kg). Battery—1.02 lbs. (0.47 kg).
Operating Range:	50 to 104°F (10 to 40°C) at 20 to 80% relative humidity (non-condensing).
Storage Range:	–4 to 122°F (–20 to 50°C) at 20 to 80% relative humidity (non-condensing). 90 minute recovery from extremes.
Regulatory:	FCC Class B.
Warranty:	1 year limited warranty, carry-in.

OPTIONS

- **MastersPort 286:** 80C287 coprocessor; 1MB RAM expansion card with extended memory.
- **MastersPort 386SX:** 387SX coprocessor; 2MB RAM expansion card with extended memory.
- Replacement NiCad battery pack.
- 2400 baud internal Hayes-compatible modem.
- AC adapter/charger.
- Carrying case.

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