

ZENITH INNOVATES AGAIN™



SupersPort® SX

The **SupersPort SX** from Zenith Data Systems is the effective

alternative to portable 286 computing. It delivers Intel386™ power for advanced applications at a price that won't break your budget.

Entry-Level 386 Computing.

The SupersPort SX offers you three big advantages—386 performance, light weight, and low cost. It packs a 16MHz 80386SX microprocessor inside its small cabinet, processing anywhere from 10 to 33% faster than most 286 systems. In fact, SupersPort SX performance is comparable to many 16MHz 386 systems.

The 80386SX microprocessor is the breakthrough behind the SupersPort SX. Its hybrid architecture combines 32-bit internal processing with a 16-bit external data bus. 32-bit processing enables the SupersPort SX to run all 386-based software applications. The 16-bit data bus is the reason for its low cost. It's engineered from less expensive 16-bit components—like video and disk controllers, memory boards, and bus architectures—so it's smaller, lighter,



and less expensive than other 386 laptops.

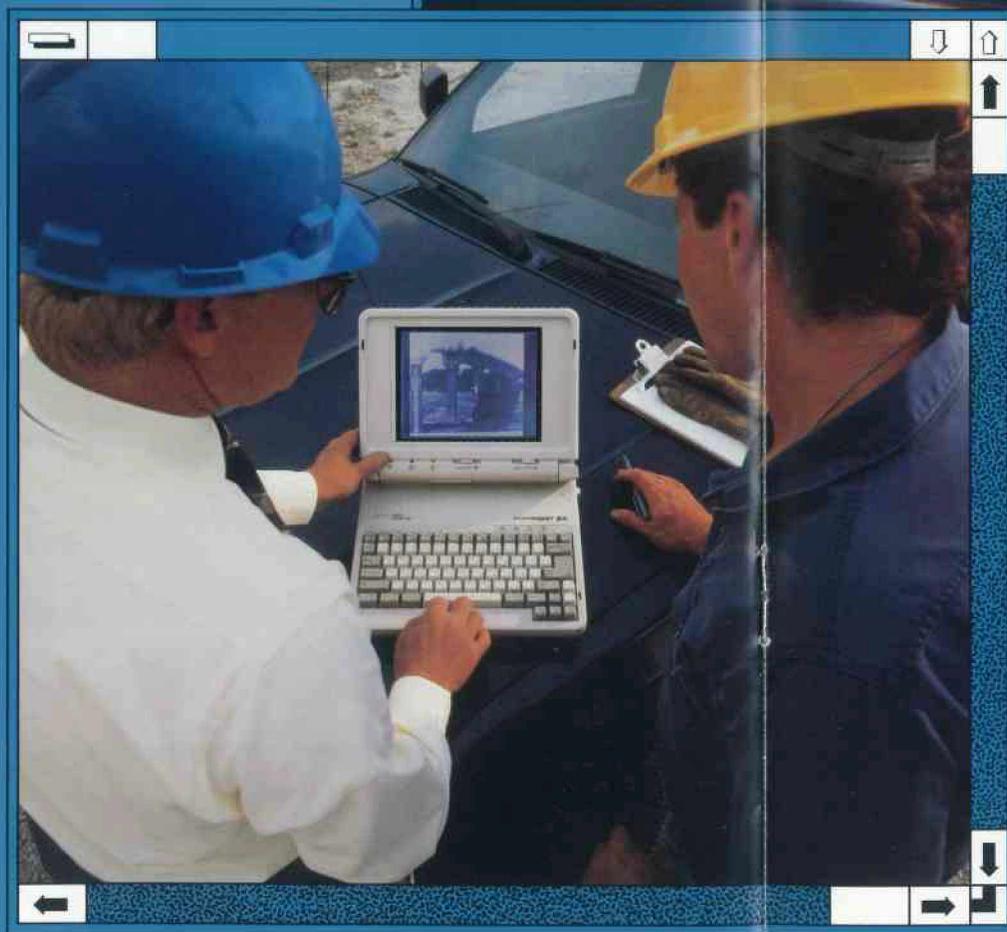
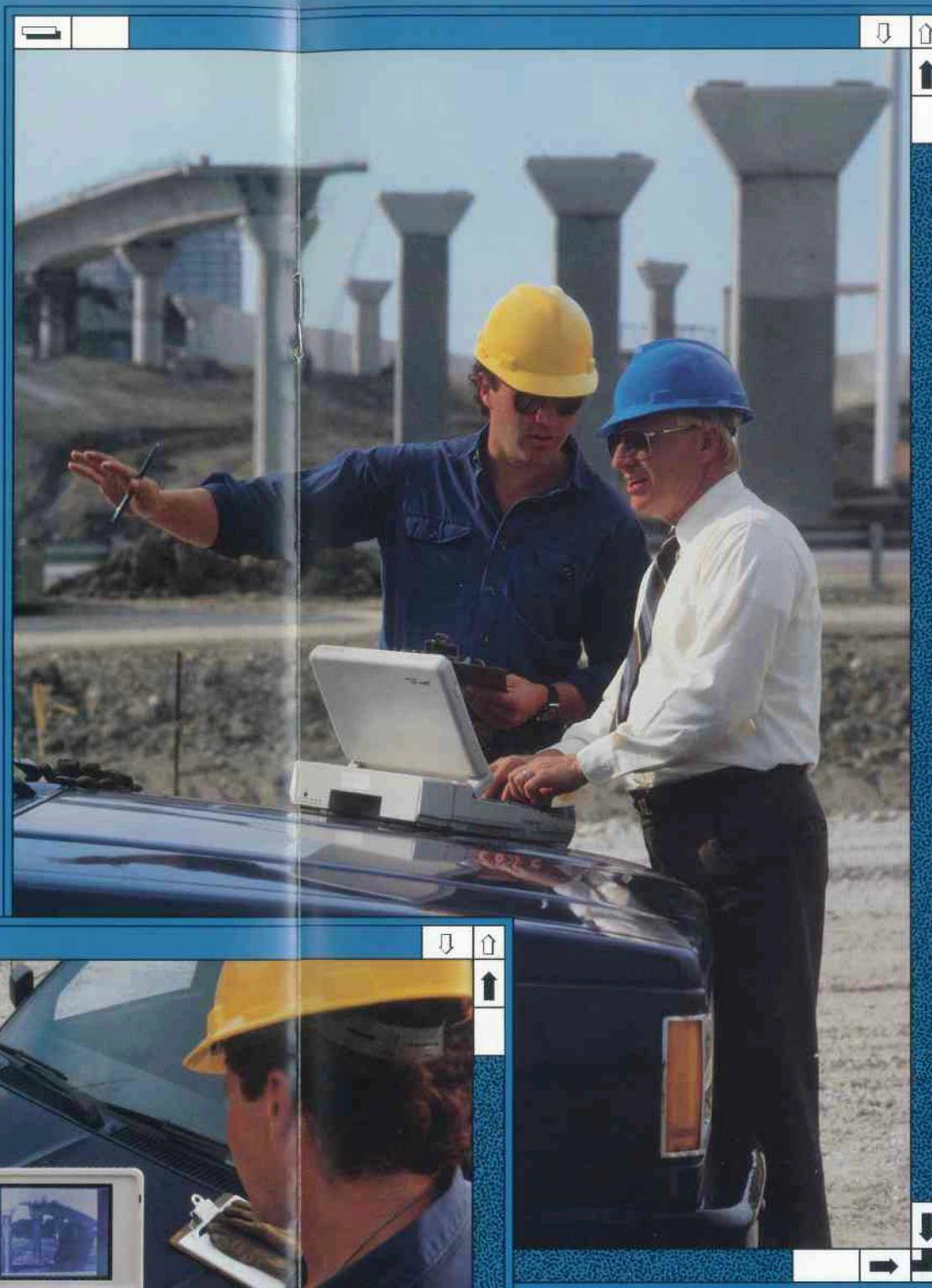
Light weight is only one of the advantages of having a SupersPort SX to handle your business outside the office. Equipped with an optional 2400 baud modem, the SupersPort SX supports asynchronous communications with other computer environments.

The 32-bit architecture of
More Bang For The Buck.

the SupersPort SX offers
Because it supports 32-bit, **faster speed, supports multi-tasking, and advanced graphics-based applications.** SupersPort SX offers you greater flexibility in running software programs.

Even if you haven't yet invested in 386-based applications, it locks you into the benefits of 32-bit computing—faster speed, processor-intensive multi-tasking, and support for increasingly advanced and graphics-based applications.

The SupersPort SX also lets you take advantage of "DOS-extended" applications like Microsoft Windows/386 and Paradox 386, which run five to eight times faster than their 16-bit counterparts. These can use memory beyond the 1MB MS-DOS® limit



so they run lightning-fast. And as 32-bit software development gains momentum, you'll have an even wider selection of powerful software to choose from in the future.

If you're interested in multi-tasking, the SupersPort SX runs Microsoft Windows and other 386-based multitasking products like Desqview 386 and VM/386. And because multitasking occurs in virtual mode, the SupersPort SX allows you to run multiple MS-DOS programs faster and more reliably.

Running With OS/2™ and Unix®

The SupersPort SX is ideal for OS/2 applications, offering even faster, more efficient multitasking through its graphical user interface. With up to 8MB of total system RAM, it has more than enough memory to support the OS/2 operating environment and application development tools.

The sixteen grey levels on

perfect platform for running SCO™
its Page White™ backlit

Xenix® based applications, improving performance through its ability to manipulate data in 32-bit, **VGA color applications**

without a color monitor.

rather than 16-bit, blocks. SCO is a recognized standard in the Unix/

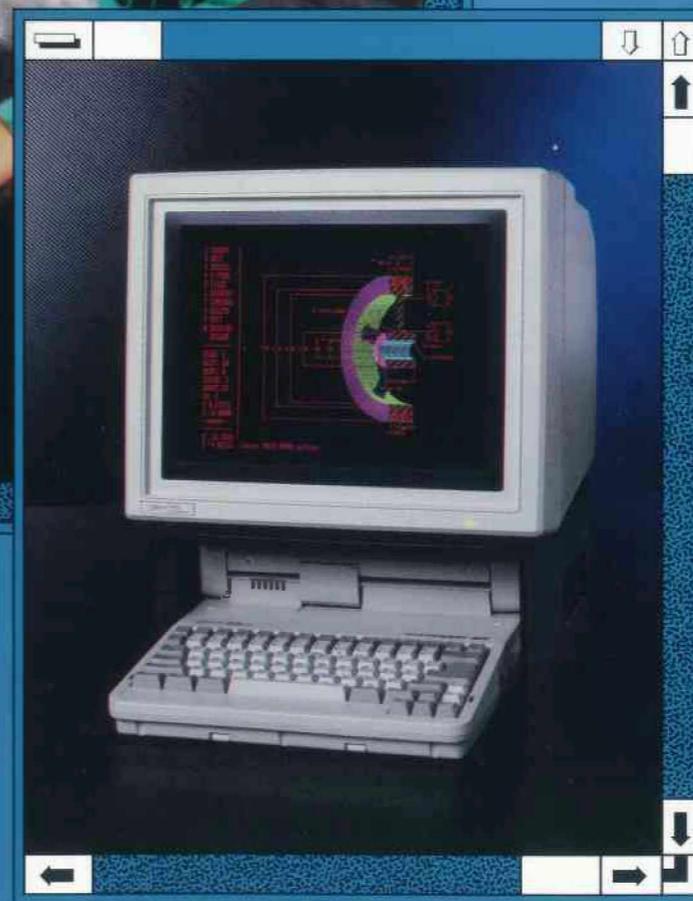
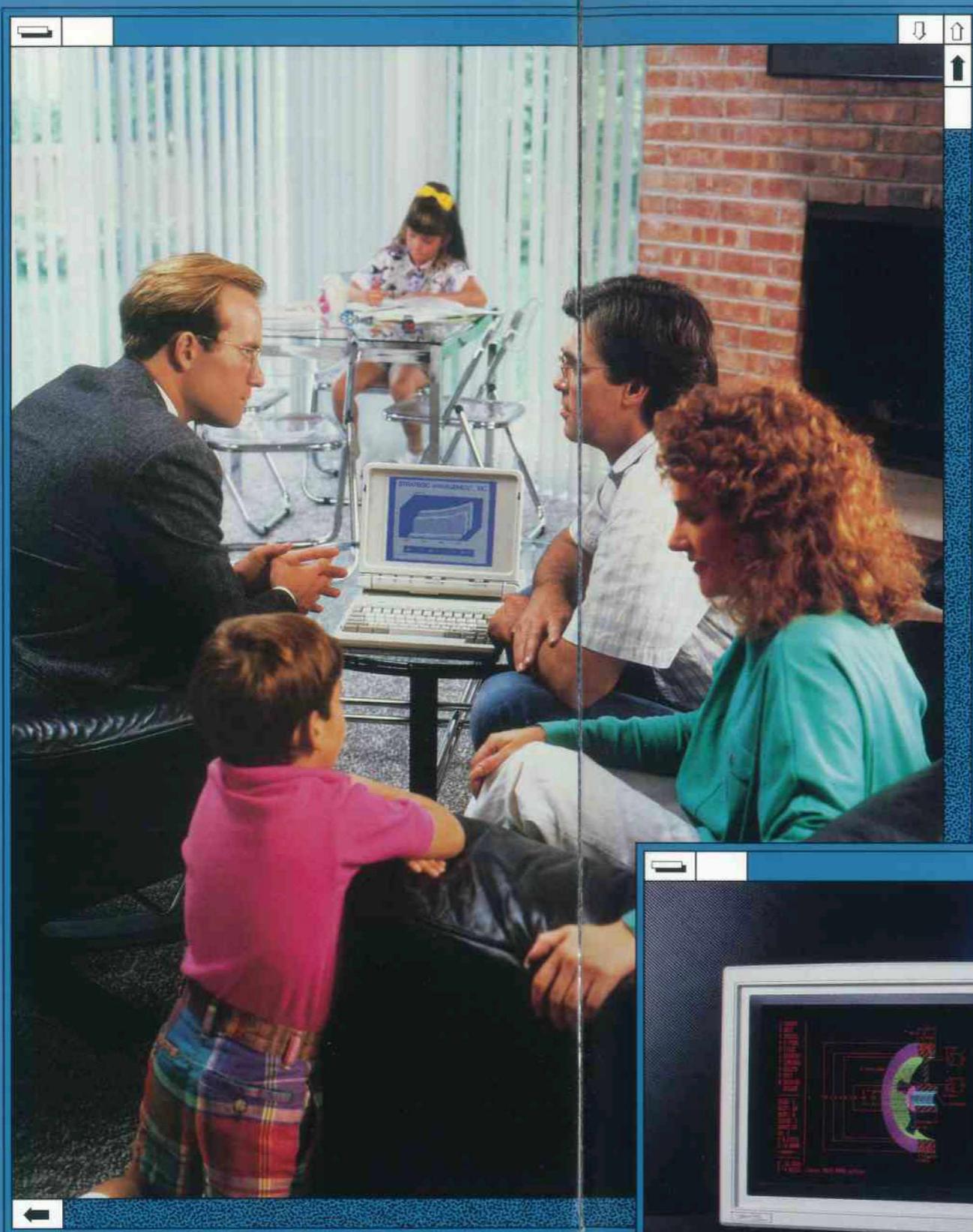
Xenix arena, and offers the largest installed base of commercially available Xenix applications. For software developers and systems integrators, the SupersPort SX and the Unix operating system complement software development efforts.

The Page White™ black-on-white backlit display of the SupersPort SX continues Zenith Data Systems' tradition of excellence in screen technology. It fully supports VGA, which has rapidly become the standard for 80386 graphics applications. Sixteen corresponding grey levels let you run 16-bit VGA color applications without a color monitor. The external VGA video port lets you connect an external color monitor for running VGA software packages in a desktop configuration, and for presentations.

Long Term Advantages.

The SupersPort SX comes equipped with 1MB RAM standard, with expandability up to 8MB RAM. This gives you plenty of memory—more than enough to run four MS-DOS applications concurrently. And with a choice

Its light weight, lightning speed, and mass storage capacity make the SupersPort SX ideal for handling business in or out of the office.



between fast 25ms 40MB or 100MB hard drives, you'll have plenty of room for large databases and spreadsheets.

In desktop settings, the SupersPort SX offers an optional three slot expansion chassis. This accommodates XT-compatible cards, so you can add more memory, tie into your company's network, or connect additional peripherals like CD-ROM.

The SupersPort SX is the cost-effective alternative

to full 386 computing, delivering 16MHz Intel386™ power at a price comparable to 286 laptop systems.

Best of all, the SupersPort SX is engineered by Zenith Data Systems, known for technological leadership in the computer industry. It's backed by comprehensive service, technical support, documentation, and a one-year limited warranty with optional IQ extended service plans.

For more information, contact your nearby ZDS Authorized Dealer or call 1-800-842-9000 to locate the ZDS Authorized Dealer nearest you.

SupersPort SX Technical Specifications

CPU AND MEMORY

Processor: 16MHz 32-bit 80386SX, zero wait state. Optional Intel 80387SX numeric coprocessor.

Memory: 1MB RAM, expandable to 8MB RAM. 16K video RAM. 128K ROM in Slushware™

DISK DRIVES

Floppy Disk Drive: One 3.5" 1.4MB media detecting floppy disk drive.

Hard Disk Drives: 40MB (25ms) or 100MB (25ms) hard disk drive options.

I/O PORTS

Serial: 9-pin male D connector; asynchronous RS-232C compatible. Configurable for COM1 or COM2. Supports 12V peripherals.

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

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

Memory: Internal 40-pin male connector.

Modem: Internal 32-pin male DIN connector.

Keypad: Sub-miniature 5-pin female DIN connector.

Floppy disk drive: 25-pin female D connector.

Expansion Bus: 68-pin expansion connector.

Power: Connector for AC adapter/charger.

Keyboard: Full function keyboard, 79 key logical layout, 101-key functionality, 12 user-programmable function keys; embedded numeric keypad; LED mode indicators.

EXPANSION

Internal: Two internal slots—1 modem, 1 RAM. One expansion connector for external expansion box.

External: Three slot expansion box for PC/XT cards.

SOFTWARE

Operating System: MS-DOS.

Optional: Microsoft Windows, MS OS/2.

VIDEO

Display: Page White fluorescent backlight LCD; 25 lines x 80 characters. 10.5" diagonal viewing area with CRT aspect ratio. Adjustable contrast and brightness. 180 degree adjustable tilt. Adjustable backlight time-out feature.

Display Graphics: 640 x 480 resolution, VGA-compatible. Attributes: expanded 256 character ASCII set, full descenders on lower case characters, sixteen grey levels, embedded international RAM fonts, reverse video.

Video: VGA video support standard with 9-pin D connector. "Color" displays are represented by corresponding grey levels.

POWER

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

Battery: "Rapid-charge" 48 WHr NiCad battery pack (adapter/charger and battery included with system); red flashing low power LED indicator, overcharge and cycling protection.

Intelligent Power Management: Power control of backlight, mass storage, internal modem, serial and parallel ports, and processor speed.

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

Storage/Shipping Range: -20-60°F (-29-16°C) @ 20-80% humidity (non-condensing) with 90 minute recovery from extremes.

PHYSICAL

Size: 12.2"W x 12.2"D x 3.4"H without battery (311mm x 308mm x 87mm).
12.2"W x 15.4"D x 3.4"H with battery (311mm x 457mm x 87mm).

Weight: Model 40 (w/o battery)—12.1 lbs. (5.4 kg.)
Model 100 (w/o battery)—12.1 lbs. (5.4 kg.)

48 WHr NiCad battery pack—4.6 lbs. (2.1 kg.)

Warranty: 1 year limited warranty, carry-in.

OPTIONS

ZSS-180-54: Lightweight 5.25 inch external floppy disk drive with cable and adapter.

ZA-3700-CI: 80387SX numeric coprocessor.

ZA-180-83: Carrying case with pocket.

ZA-180-86: 2MB RAM expansion card 1 with EMS.

ZA-180-87: 2MB RAM expansion card 2 with EMS.

ZA-180-64: 2MB RAM expansion card with EMS for memory expansion above 5MB.

ZA-180-85: 48 WHr NiCad battery pack, rapid charge.

ZA-180-69: External battery charger for additional battery charging.

ZA-181-7: Automobile cigarette lighter adapter.

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

ZA-3040-EB: 3-slot expansion chassis with cable and connector port.

TMP-300: Technical manual.

CB-31-6: Portable series diagnostic software.

TS-81-2: LAP-LINK PLUS data transfer software kit.