SupersPort® 486SX

SupersPort® 486

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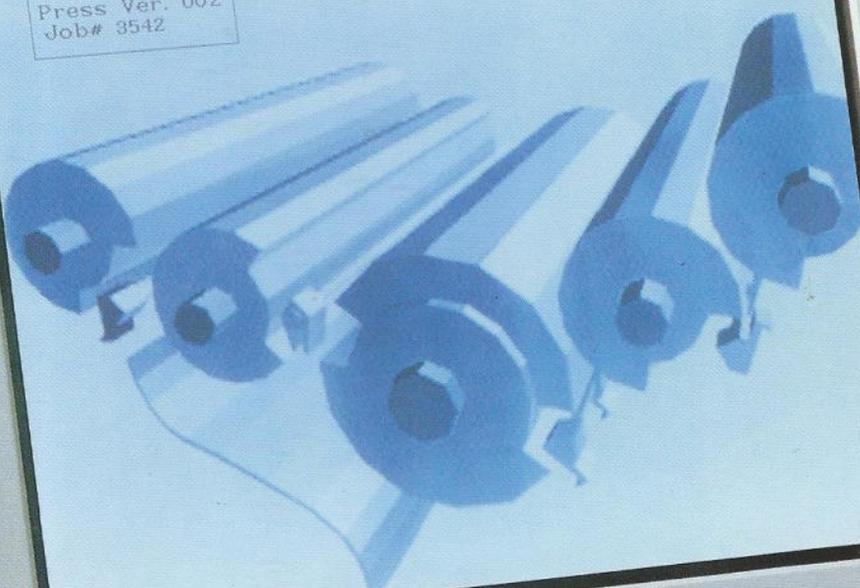
SUPERSPORT 486SX

ZENITH
data systems

The *SupersPort 486* series from Zenith Data Systems brings high performance 486 computing to those who don't want to be tied to a desk, or an electrical outlet.

No Holds Barred.

Brace yourself for pedal-to-the-metal acceleration. Zenith Data Systems presents the SupersPort 486 and SupersPort 486SX portable computers—literally two of the fastest battery-powered speed demons to hit the ground running.

Sure, they're not for everyone. But rather, for those who understand how to harness 486 speed and use it for personal and professional advantage. In or out of the office.

The SupersPort 486 features Intel's 25MHz i486™ processor with integrated floating point coprocessor, cache controller, 8K cache subsystem with 4-level write queue, and virtual memory management and protection.

The SupersPort 486SX is for the more cost-conscious. Designed around a 20MHz i486 processor, it lacks the integrated coprocessor of the higher-end i486 processor, yet still provides true 486 speed and compatibility.
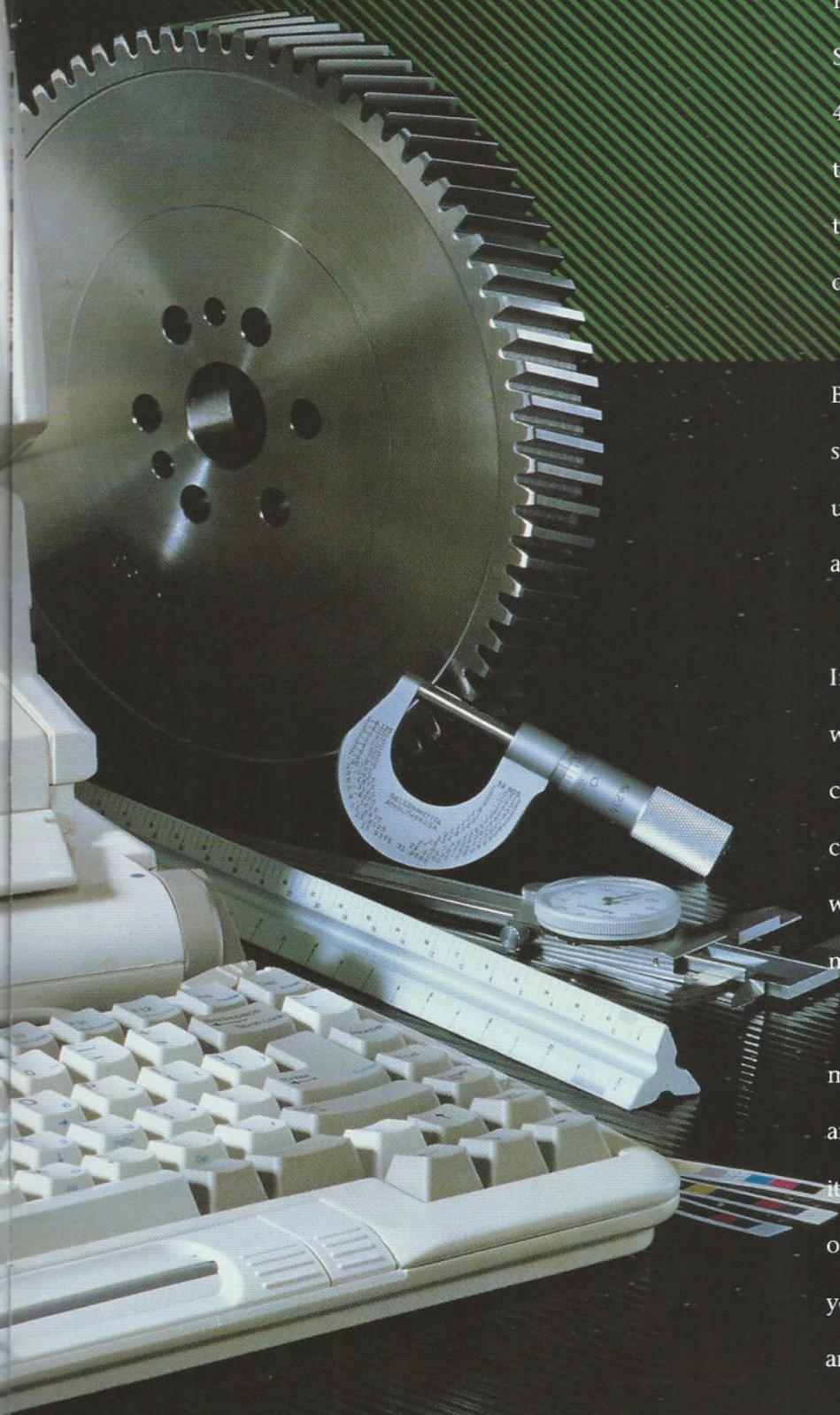
Unleashed Performance.

It might surprise you that both the SupersPort 486 and SupersPort 486SX are battery-powered. But consider the source. For years, Zenith Data Systems has been well-known for designing portable computers with long battery lives—and the SupersPort 486 series is no exception.

Long battery life is further complemented by the built-in power-conserving Intelligent Power Management™ system. Switchable clock speeds extend battery power as well. Generally, you can expect to average the same three hours of power per charge* as with our other portables.

Armed to the Teeth.

With respect to price/performance, the SupersPort 486 series is well-positioned among its 486 portable competitors. For starters, it features a generous 4MB of base RAM, with potential expansion up to 16MB—ideal for high-end mathematical, analytical, and graphical applications.

Add to that a 120MB IDE hard

The SupersPort 486 series brings high performance 486 computing to those who can't be tied to a desk, or an electrical outlet.
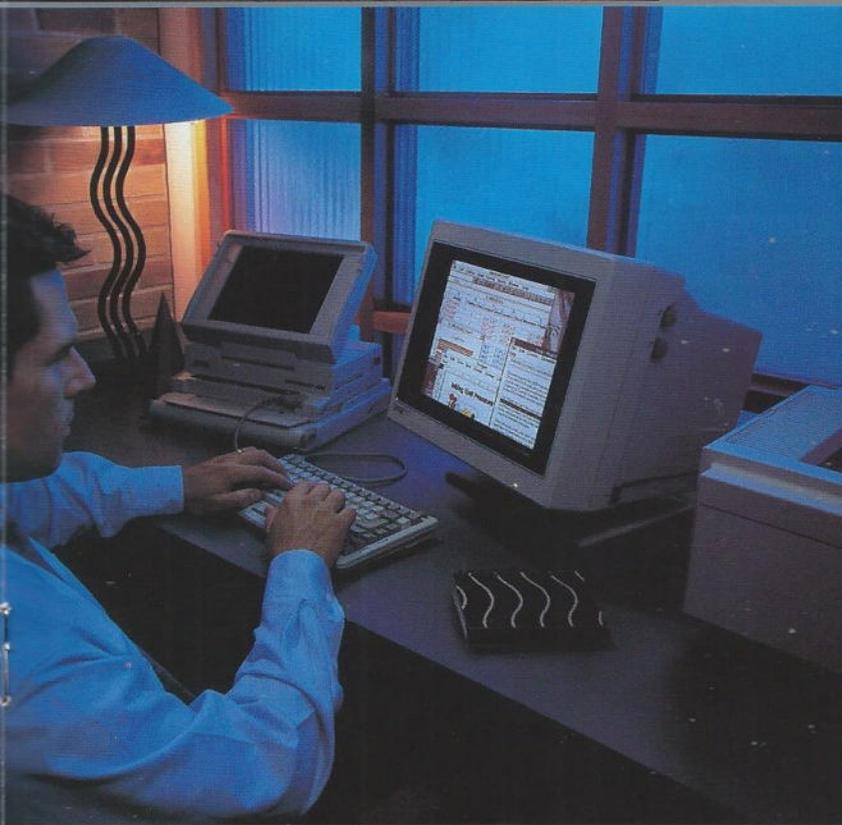
drive to store even the most grand-scale trigonometric spreadsheet program and accompanying data files. The hard drive features a sub-19ms average access time and 1:1 interleave to deliver incredibly fast read and write throughput.

There's also a 3.5" 1.4MB media-detecting floppy drive. Plus a full array of I/O interfaces for connecting peripherals.

The SupersPort 486 series features a generous 4MB of memory, expandable to 16MB, for high-end mathematical, analytical, and graphical applications.

But perhaps greatest of all—both systems weigh a mere 10.8 pounds without battery, and 15 pounds with.

Awesome Display of Power.

The SupersPort 486 series features our newest screen technology, the Film-Type Supertwist (FSTN) LCD. This 10.7" diagonal, fully VGA-compatible black and white display offers higher grey scale capability—64 shades! —and greater brightness than other LCD technologies. For graphical user interfaces, three dimensional drawing and animation, and computer-aided design and engineering applications, it's one of today's best.
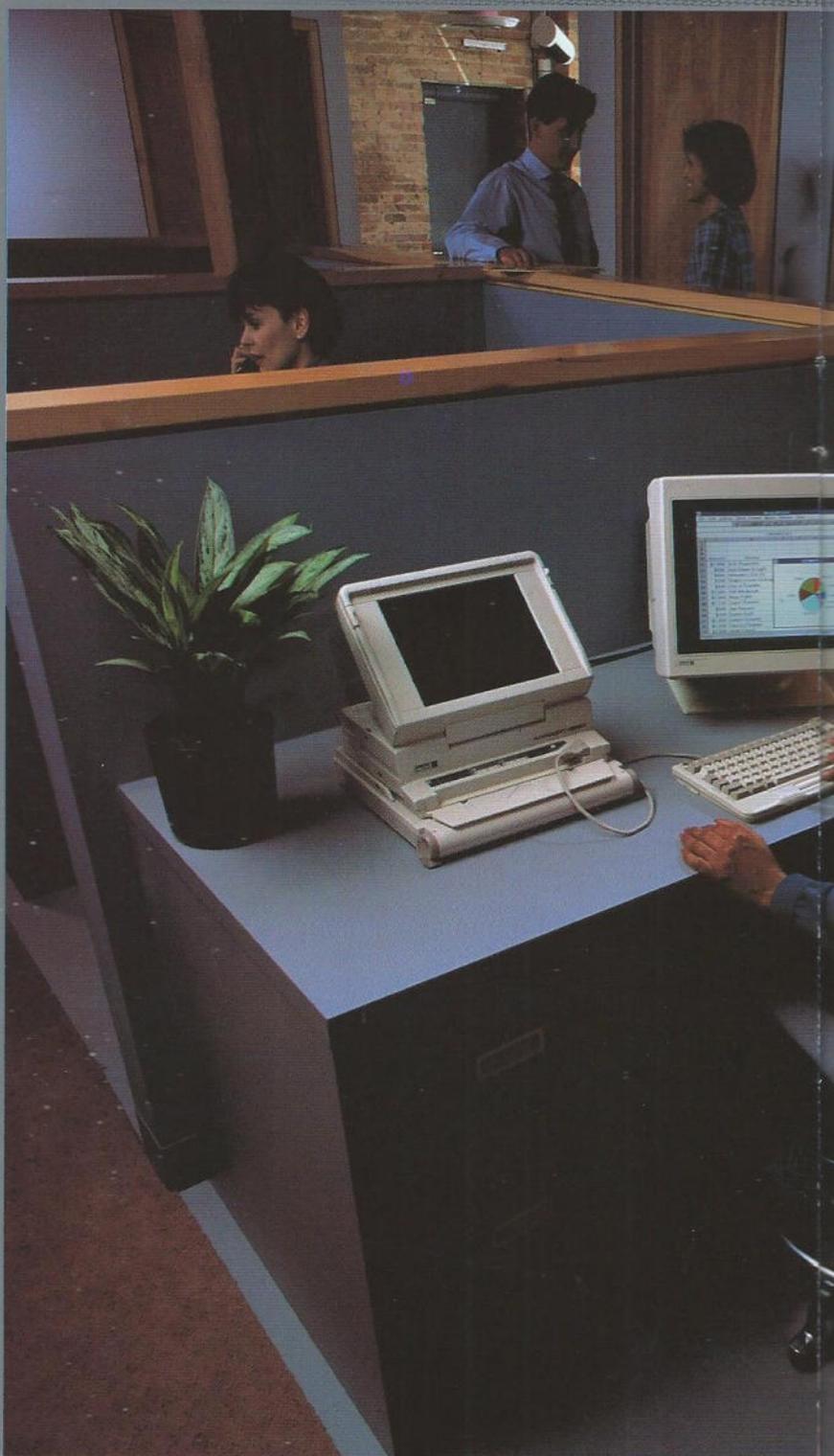
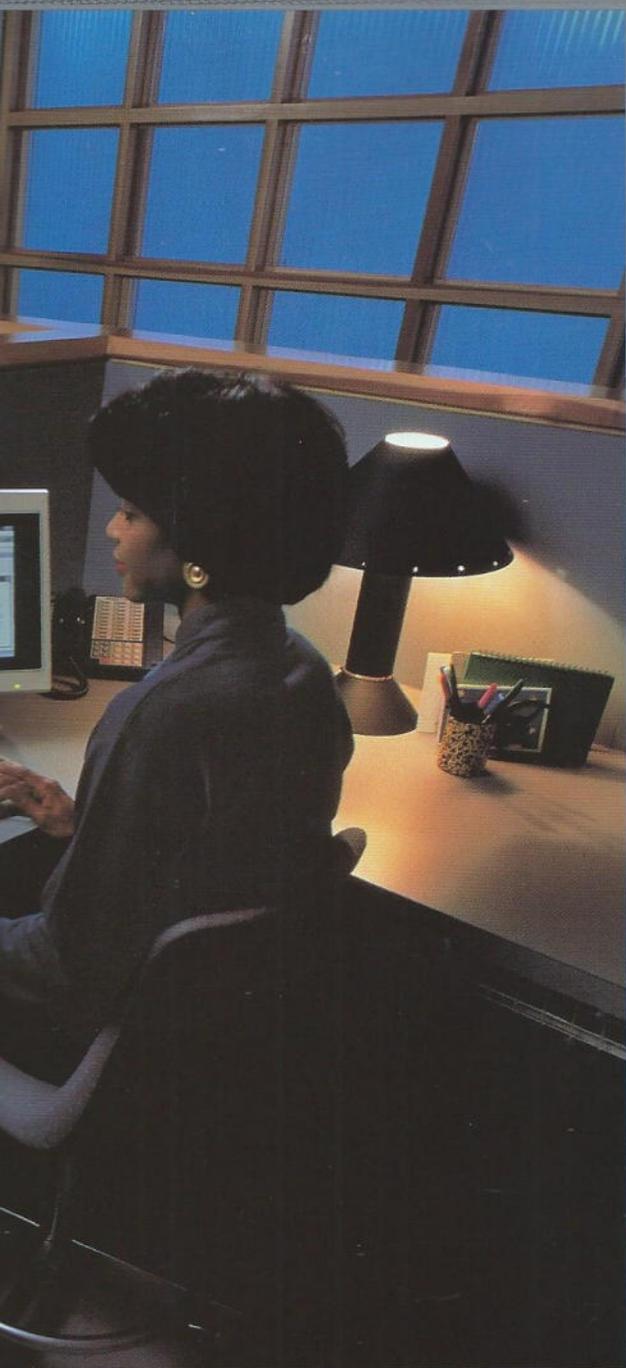The SupersPort 486 and SupersPort 486SX are the first

portables to feature Zenith Data Systems' Seamless Solution—the perfect unity of hardware and software for graphical computing. Both come pre-installed with MS-DOS® and Microsoft® Windows™ Version 3. And both feature a detachable 82-key keyboard with ISOPOINT, a built-in pointing device below the space bar. ISOPOINT lets you control cursor movement within Windows applications and MS-DOS applications without requiring the laptop or desktop space used by a mouse.

When you're not out and about, the SupersPort 486 and SupersPort 486SX both make great office companions. Both feature a detachable 82-key keyboard and a port that supports a standard 101/102-key keyboard for greater comfort.

Both also feature a 16/8-bit desktop docking unit. This docking unit allows you to hook up all the peripherals you leave at your desk, so you only have to deal with one easy plug-in connection when you return. One 16/8-bit 9.25" expansion slot on the dock-

The 120MB IDE hard drive stores even the most grand-scale trigonometric work-sheet program and accompanying data files.

ing unit is available to support the addition of peripherals such as LAN adapters, high resolution video adapters, or other high performance expansion cards.

The SupersPort 486 series is backed by comprehensive service, technical support, documentation, and a one year limited carry-in warranty with optional TotalCare™ extended service coverage.

For more information, contact your nearby Zenith Data Systems authorized Medallion Reseller or call 1-800-523-9393 to locate the reseller nearest you.
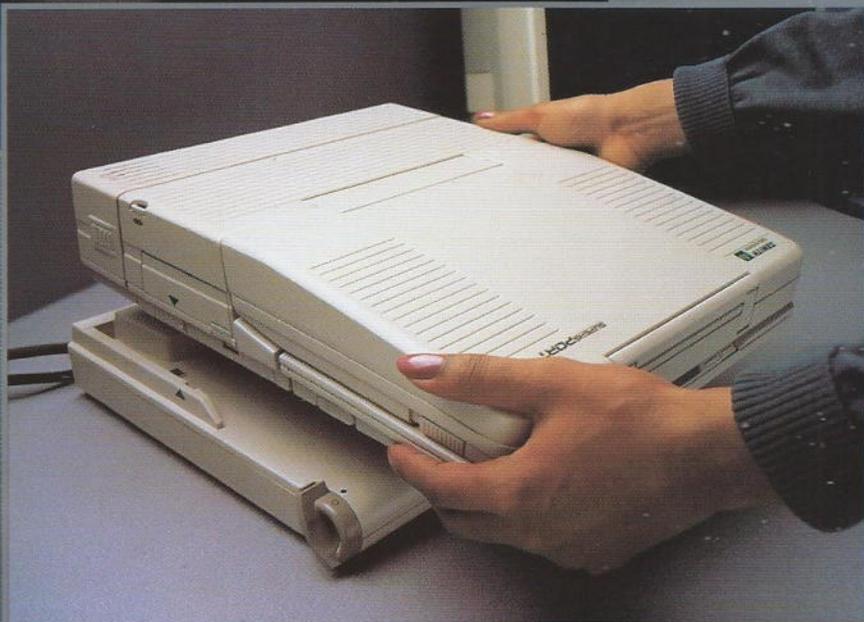
The docking unit lets you hook up all the peripherals you leave at your desk, so you only have to deal with one easy plug-in connection.

SUPERSPORT 486 SERIES TECHNICAL SPECIFICATIONS

CPU AND MEMORY

Processor:	**SupersPort 486:** 25/12.5MHz 32-bit i486. Integrated floating point coprocessor.
	SupersPort 486SX: 20/10MHz 32-bit i486SX.
Memory:	4MB RAM, expandable to 16MB RAM. 256K video RAM. 128K ROM in Slushware.

DISK DRIVES

Floppy Drive:	One 3.5" 1.4MB/720K floppy drive.
Hard Drive:	One 120MB (sub-19ms) 3.5" IDE hard drive with 1:1 interleave.

I/O INTERFACES

Serial:	9-pin male D connector, asynchronous RS-232C compatible.
Parallel:	25-pin female D connector, bidirectional.
Video:	15-pin female D connector for VGA monitor.
Keyboard/ Keypad:	6-pin mini DIN connector, PS/2™-compatible. (Keypad and keyboard connection requires included adapter.)
External FDD:	20-pin female D connector.
Power:	Connector for AC adapter/ fast-charger.

KEYBOARD

Keyboard:	Full function 82-key keyboard (101/102-key functionality)—12 user programmable function keys, separate PAGE DOWN, PAGE UP, HOME and END keys, embedded numeric keypad. LED mode indicators.

VIDEO

Display:	Film-Type Supertwist (FSTN), cold cathode fluorescent (CCFL) edgelit LCD. 25 lines x 80 characters. 10.7" 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 64 corresponding grey levels. Reverse video.
Video:	VGA video support standard with D connector.

EXPANSION SLOTS

Internal:	Two internal slots for proprietory modem and memory.
External:	16/8-bit desktop docking unit.

SOFTWARE

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

POWER

AC:	110/220 VAC, 60/50Hz, autosensing adapter/fast-charger.
Battery:	Fast-charge 2.5 AHr NiCad detachable battery pack (adapter/charger and battery included with system), low power indicator, overcharge protection.
Intelligent Power Management System:	Power control of backlight, mass storage, internal modem, serial and parallel ports, and processor speed.

Operational Range:	41 to 104°F (5 to 40°C) @ 10 to 80% humidity (non-condensing).
Storage Range:	-4 to 149°F (-20 to 65°C) @ 10 to 80% humidity (non-condensing) with 90 minute recovery from extremes.

PHYSICAL

Size:	12.13"W x 12.75"D x 3.1"H without battery (308mm x 324mm x 79mm).
Weight:	Model 120 (w/o battery)— 10.8 lbs. (4.9 kg).
	2.5 AHr NiCad battery pack—4.2 lbs. (1.9 kg).
Regulatory:	FCC Class B. UL. CSA and DOC Class B (for modem).
Warranty:	1 year limited warranty, carry-in.

MODEL NUMBERS

Model 120:	120MB IDE hard drive (sub-19ms). 3.5" 1.4MB floppy drive.

OPTIONS

- 20MHz i486 processor upgrade with integrated coprocessor.
- 4MB RAM expansion card with EMS and extended memory.
- 8MB RAM expansion card with EMS and extended memory.
- External 3.5" 1.4MB floppy drive.
- External 5.25" 360K floppy drive.
- External numeric keypad.
- 2400 baud internal Hayes-compatible modem, MNP 5 and V.42.
- 2.5 AHr NiCad fast-charge battery pack.
- AC adapter/fast-charger.
- 16-bit desktop docking unit.
- Carrying case.

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