

If You Can Open A Box,  
You Can Install  
The Most Powerful  
Network Available.

Introducing Complete,  
Preconfigured  
Networks With 386  
Power And Speed.





## Searching For the Ultimate Network.

It ought to be simple. After all, most people want the same kind of things from their local area network.

You would sit down, turn on your workstation, and have the power of the network at your fingertips. Increasing access to high-cost peripherals, like laser printers, or letting the whole office communicate through a single modem. Not to mention boosting productivity.

And it would be fast. So fast, you'd swear you were using a high-performance, single-user AT. Even with every system on the network working at full-speed.

You could grow, adding the power and capability of up to one hundred systems without scrapping either hardware or software. Perhaps most importantly, you could buy the whole network from a single source—and all you'd have to do is take it out of the box, connect the systems, and turn it on.

A simple concept.

And simply unavailable, until now.

## The Fastest PC Network.

The key is a remarkable new micro-computer with true 32-bit architecture and advanced Phoenix BIOS—which gives you more than three times the DOS processing capability of even the most advanced AT.

Simply put, that makes the Network 386 from Advanced Logic Research the fastest DOS machine around. As well as being the first 80386-based system available.

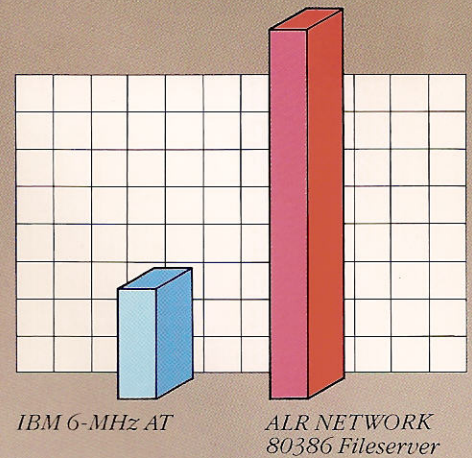
It also comes fully equipped for even the most demanding network and multiuser applications, with five expansion slots, high-capacity, fast-access drives and plenty of I/O options. All packaged in a space-saving tower design that improves cooling and accommodates up to four full-height storage devices and a 200-watt power supply.

Check the specifications of the most powerful DOS-compatible network fileserver available.

## How ALRnet Works.

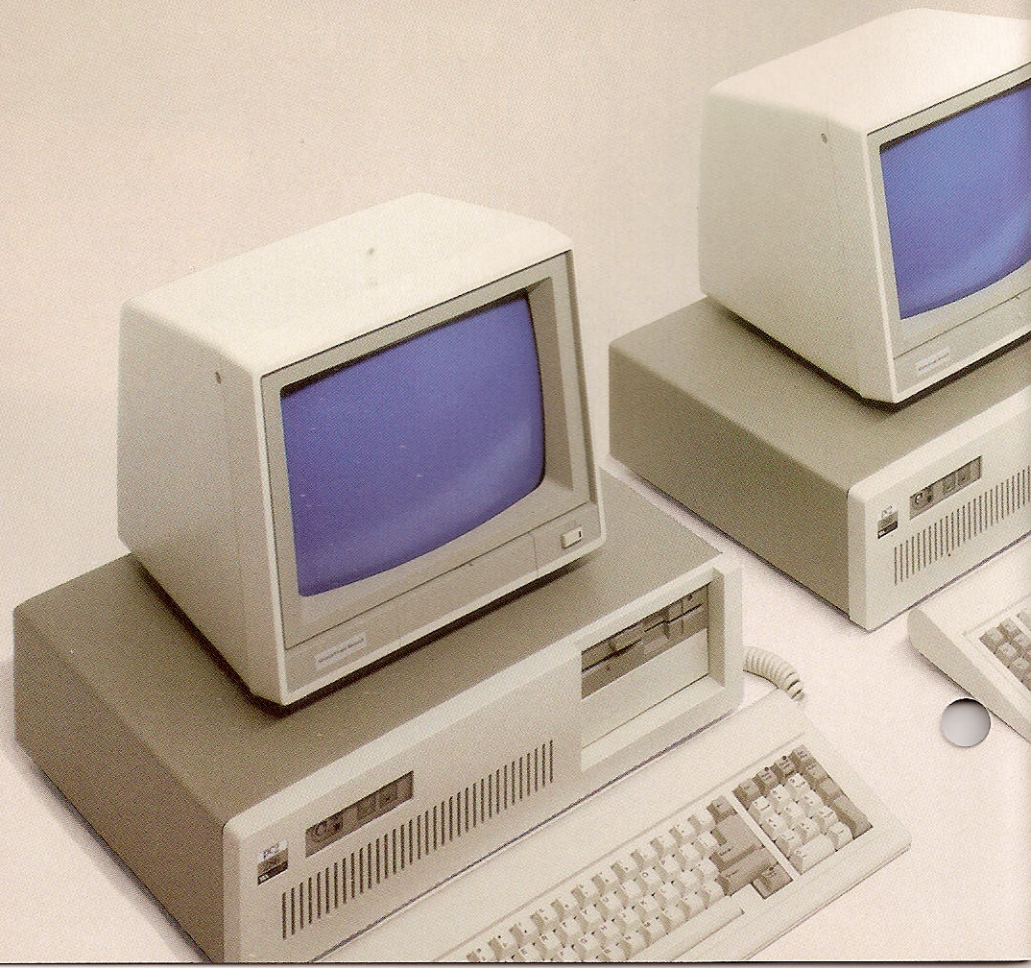
Advanced Logic Research's ALRnet solution takes full advantage of the power and speed of our Network 386 to run modified ARCnet™ or Ethernet™ with Novell's popular, critically acclaimed Netware 286™ network operating system.

So not only do you get speed, but also easy, coaxial cable network expansion. You can even add existing PC, XT or AT systems. And, since our four and eight-user systems are completely preconfigured, getting started is about as complicated as setting up a VCR.



*A Fileserver Three Times More Powerful Than An AT*

ALRnet operates at 2.5 Mbits/s, or an optional speed of 10 Mbits/s, for the fastest communication between the network fileserver and workstation nodes. You can literally run our 8-MHz, AT-compatible PC 2/286™ systems as network nodes running advanced versions of Lotus™ dBASE III™, Framework™ and other PC-DOS compatible software with no loss of speed.





All network data is automatically error-checked. The fileserver is also fault-tolerant, further increasing system reliability, and supports up to four printers with print spooling. No waiting, no mistakes.

Expanding the network takes an expansion board, coaxial cable and available port on an active or passive hub for each system. It's a building block approach assuring future DOS expandability. And as you grow, Novell's direct implementation and configuration information lets you set up a customized, menu-driven, MS-DOS compatible network with 100 or more systems. In a few hours.

A network that comes out of the box with directory hashing and disk caching for improved access time, four levels of software security and an electronic mail system that will keep office information moving.

### More Ways To Meet Your Need For Speed.

ALR got its start developing custom, advanced performance systems for research, software development and business applications. Since then, we've gone on to introduce more high-performance PC models than any other manufacturer, including the first Intel 80386-based family of machines.

Sure, we're proud that our systems rapidly earned a reputation for both

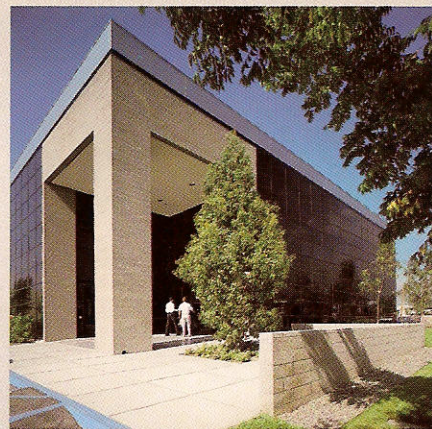
brute speed and elegant design, but we realize if we didn't give you what *PC Magazine* called "reliable performance and high-quality components... a good choice," we wouldn't be here serving you today.

So we build our systems right, and back them with a full one-year parts and labor warranty. And should you have a problem, our nationwide dealer network provides a complete range of service options.

### Putting An ALRnet Network Together.

A complete line of additional high-performance XT, 80286 and 80386-based ALR systems, including expansion of the Network 386 into a multiuser system and multi-user 80286-based systems, is available.

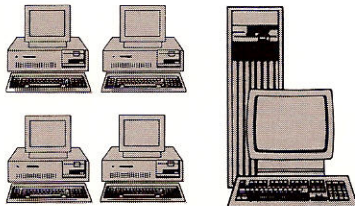
Please test our customer support by calling us with any questions.





## ALRnet

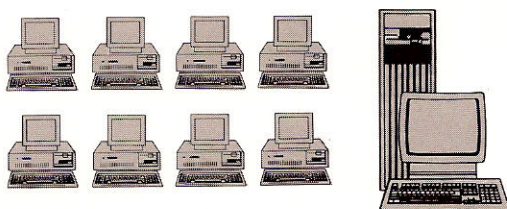
- 32-bit fileserver CPU operating at 20 MHz with 2 MB RAM for file caching
- Novell Advanced Netware 286, the number-one-selling network operating system
- Complete file and record locking, advanced security
- Delivered completely integrated and tested, ready to connect and run
- 8-MHz, AT-compatible workstations, the fastest DOS-network workstations available



## Four-User ALRnet Systems

- Network 386 fileserver, four PC2/286 AT-compatible workstations
- Model 80 Four-User ALRnet Network equipped with 80-MB, 28-ms access time hard disk drive. Model 130 ALRnet Network features a 133-MB, 20-ms access time hard disk
- Intelligent 60-MB tape backup

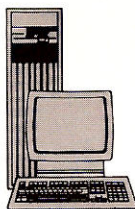
- Supports LAN-to-remote-PC, LAN-to-LAN, LAN-to-mini and LAN-to-mainframe communications
- Simple expandability
- 4 Mbyte/s file-by-file tape backup
- Workstation failure does not bring down network
- Supports directory caching, directory hashing, and file caching



## Eight-User ALRnet Systems

- Network 386 fileserver, eight PC2/286 AT-compatible workstations
- Model 80 Eight-User ALRnet Network equipped with 80-MB, 28-ms access time hard disk drive, Model 130 ALRnet Network features a 133-MB, 20-ms hard disk drive
- Intelligent 60-MB tape backup

- Novell Advanced Netware 286, MS-DOS 3.2
- All required ALRlan interface cards
- ALRnet active hub
- Five 25-foot RG62 coax cables
- Complete system tested and burned-in, network delivered completely configured
- Full one-year warranty



## Network 386 Fileserver Models 10, 80, and 130

- 20-MHz, 32-bit 80386 processor, Phoenix BIOS
- 2 MB of 32-bit RAM with parity error-checking
- 1.2-MB floppy disk drive
- Model 80 includes an 80-MB, 28-ms access time hard disk, Model 130 features a 133-MB, 20-ms access time hard disk

- Novell Advanced Netware 286, MS-DOS 3.2
- All required ALRlan interface cards
- Active and passive hubs
- Nine 25-foot RG62 coax cables
- Complete system tested and burned-in, network delivered completely configured
- Full one-year warranty



## PC2/286 Workstations

- 8-MHz AT-compatible
- 512K RAM, expandable to 1 MB
- 1.2-MB floppy disk drive
- ALRlan interface card and 25 feet of RG62 coax cable

- Supports up to four full-height storage devices, additional power supply required
- One serial, one parallel port
- 200-watt power supply
- Three cooling fans augment natural tower cooling effects

- Serial and parallel ports
- Hercules-compatible graphics card, monochrome monitor
- 135-watt power supply
- Clock/calendar with battery backup

## Other ALR Network Products

- Low-cost ALRnet starter kit
- ALR/Enet Ethernet-compatible interface cards
- ALRlan ARCnet-compatible interface cards
- External and internal active and passive hubs
- Uninterruptible power supplies

- 240-watt power supplies
- Network DS2 153-MB storage subsystems with 1:1 interleave
- Network DS8 1.2-GB storage subsystems with 1:1 interleave



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