Choose ALR's 16-MHz 386/2™ system for less than $2,000, or a blazing 20-MHz system for less than $2,500.

Now Advanced Logic Research announces second-generation 386 systems that do to the price barrier what our first generation did to the performance barrier. Annihilate it.

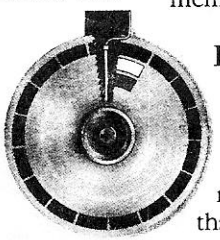
Starting at $1990, ALR's totally new 386/2 systems couple the power of 32-bit processing with up to 2 MB of true 32-bit memory. What's more, unlike other companies, ALR 386/2 systems offer a choice of 16- or 20-MHz processor speeds, with sockets for 80287-10 and 80387 coprocessors. Which means your applications will run faster than on any other available PC. And ALR 386/2 systems let you use all the peripherals, graphics, enhancements, and applications developed for the most popular computer operating system in history.

EXHIBIT $1990 MEMORY

Phoenix ROM BIOS

How to run circles around the competition.

Sure, Compaq and IBM use the fastest hard disks and controllers with 1:1 interleaving, just like Advanced Logic Research. But instead of buffering a full 17-sector track, they settle for single-sector buffering. Our way makes the fastest even faster where it counts—in the real world.



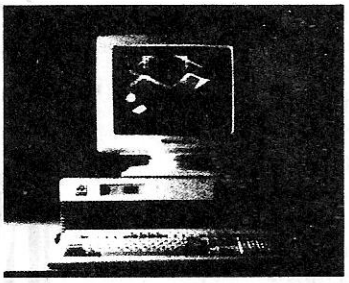
Advanced Logic Research

Compaq

IBM

Naturally, all that speed coupled with EGA, enhanced EGA, or other high-performance graphics adapters makes the 386/2 ideal for CAD/CAM workstations and other graphics applications.

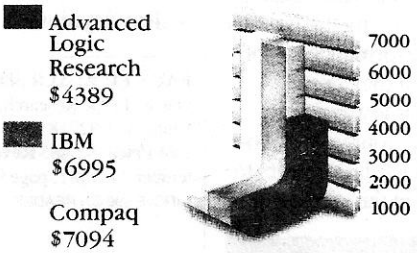
Plus, with Phoenix Control/386 software featuring 32-bit disk caching, Vdisk, and EMS/EEMS support, all enhanced 386/2 systems can run multiple applications without memory limitations.



Take your choice of a convenient desktop or space-saving floormount system configuration.

Speed to burn. Without having money to burn.

You won't find more power, flexibility, or quality at a more competitive price anywhere. And that reaffirms ALR's ability to deliver leading edge performance. At leading edge prices.



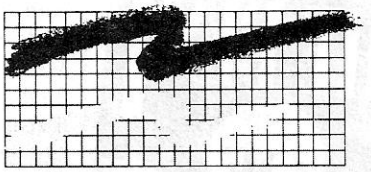
The ALR 386/2 Model 40 with EGA adapter is similar to the IBM Model 80-041 and Compaq Deskpro 386 Model 40 with EGA adapter. Except for a lower price and twice their standard RAM.

Of course, ALR also offers a full range of high-performance communications, memory, and storage enhancements.

Introducing ALR's 20-MHz 386/220,™ the fastest PC. Period.

If even more speed is what you need, you won't find a faster system than ALR's new 20-MHz 386/220. It scores a phenomenal 23.0 on Norton's SI benchmark, giving you nearly 25% more horsepower than Compaq's Deskpro 386. Yet it's priced many thousands less.

Take your pick of ALR's new 386/2 second-generation 386 systems: fast, faster, or fastest. Call Advanced Logic Research today for the name of your local dealer. And discover the price of power isn't as high as it used to be.



ALR 386/220, 23.0 SI rating

Compaq Deskpro 386, 18.6 SI rating

Performance Specifications

386/2 Model 10 — **$1990**
386/220 Model 10 — **$2485**

- ALR-designed system board
- 16-MHz 80386 processor (20-MHz optional)
- Socketed for 80387 and 80287-10 support
- 1 MB 32-bit RAM, expandable to 2 MB on system board
- 1.2-MB floppy disk drive
- Serial and parallel ports
- Eight expansion slots
- 101-key keyboard

386/2 Model 40 — **$3990**
386/220 Model 40 — **$4485**

- ALR-designed system board
- 16-MHz 80386 processor (20-MHz optional)
- Socketed for 80387 and 80287-10 support
- 2 MB 32-bit RAM
- 40-MB, 30-ms or better average access time hard disk drive, 450-KB/s transfer rate
- EMS and EEMS software
- 1.2-MB floppy disk drive
- Serial and parallel ports
- Desktop or floormount
- Eight expansion slots
- 101-key keyboard
- 32-bit Vdisk and disk caching software

386/2 Model 80 — **$4690**
386/220 Model 80 — **$5185**

- ALR-designed system board
- 16-MHz 80386 processor (20-MHz optional)
- Socketed for 80387 and 80287-10 support
- 2 MB 32-bit RAM
- 70-MB, 30-ms or better average access time hard disk drive, 450-KB/s transfer rate
- EMS and EEMS software
- 1.2-MB floppy disk drive
- Serial and parallel ports
- Desktop or floormount
- Eight expansion slots
- 101-key keyboard
- 32-bit Vdisk and disk caching software

386/2 Model 130 — **$7299**
386/220 Model 130 — **$7794**

- ALR-designed system board
- 16-MHz 80386 processor (20-MHz optional)
- Socketed for 80387 and 80287-10 support
- 2 MB 32-bit RAM
- 130-MB, 30-ms or better average access time hard disk drive, 450-KB/s transfer rate
- EMS and EEMS software
- 1.2-MB floppy disk drive
- Serial and parallel ports
- Desktop or floormount
- Eight expansion slots
- 101-key keyboard
- 32-bit Vdisk and disk caching software

Enhancements

A complete range of enhancements, including 4 MB of 32-bit RAM, multifunction products, and additional I/O products are available.

Advanced Logic Research, Inc.
10 Chrysler, Irvine, CA 92718 (714) 581-6770
FAX (714) 581-9240 Telex (510) 601-4525
Answer back Advanced Logic
From Asia or Europe, call Wearnes Technology,
Phone (65) 259-2521 Telex RS38113 WRNTEC

Circle 6 on Reader Service Card (Dealers: 7)

THE BEST OF 1987

Fourth Annual PC MAGAZINE
VOLUME 7 NUMBER 1
JANUARY 12, 1988

ALR 386/220

"Uhh, excuse me; I must have the wrong price sheet here. This says I can buy a 16-MHz 80386-based PC for . . . uhh . . . $1,990. And a 20-MHz system for . . . well, it looks like it says $2,485. That must be wrong. Are these *dealer* prices?"

No. You must have the Advanced Logic Research price sheets, because ALR has shown a determination to drive 386 PC prices down far earlier in the production- and life-cycle curves than any other vendor, and is doing so with impressive machines.

The ALR 386/2s, at 16 MHz, have set the standard for the very lowest-cost nationally distributed 386s. The 386/220s, with 1MB RAM, are doing the same thing for 20-MHz 386s. Prices run about half those of IBM and Compaq and much less than those for similar machines from other good clone shops.

ALR delivers almost all of its 386 systems as floor-standing "tower" PCs, which users love. The systems use fast 32-bit memory, full-track buffering for hard-disk reads, 32-bit VDISK disk-caching, and other performance tricks to get a lot out of that fast processor speed. ALR machines don't quite match the performance of the very fastest 386 PCs (which rely on lots of static RAM, ESDI hard-disk controllers, and other expensive steps to wring the last bits of better performance out of 80386s), but they come close—at far lower prices.

ALR has come out of nowhere over the last 2 years to earn a spot in the sun among important PC-compatible makers. In 1987, it claimed and held a highly visible piece of turf in the low-priced performance-PC arena.

—Jim Seymour

FACT FILE: ALR 386/220; Advanced Logic Research, 10 Chrysler, Irvine, CA 92718 (714) 581-6770
List Price: $2,485 **Reviewed:** September 29, 1987, page 91.
CIRCLE **690** ON READER SERVICE CARD

Photographs: Roberto Brosan