20 MHz

80386 CPU
32 KB Cache

The FlexCache 20386DT from
Advanced Logic Research, Inc.
The most powerful 20Mhz desktop
system at a most reasonable price.

The FlexCache 20386DT utilizes the same technology as the world's fastest 20MHz PC, the towering FlexCache 20386, but costs thousands of dollars less.

"A company that has quickly climbed to the top tier of compatible manufacturers."

PC Magazine, June 1988

Model 401
System specifications plus one 40-MB MFM hard disk system with controller, one serial port, and one parallel port, 101 key enhanced keyboard
Suggested List Price: $4,490.00

Model R66
System specifications plus one 66-MB RLL hard disk system with controller, one serial port, and one parallel port, 101 key enhanced keyboard
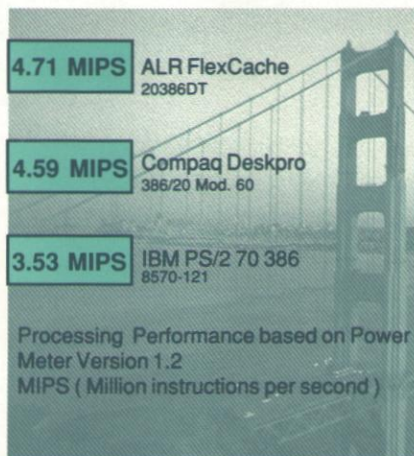**Suggested List Price: $4,590.00**

We've added our sleek design desktop platform to the FlexCache Series, to bring you the fastest responses possible for your elaborate desktop applications like CAD, desktop publishing and increased power user applications. Zero wait-state performance for the single user is now more accessible. With pricing starting as low as $4,490.00, it's even more affordable.

Typically, wait-states occur in data transfers between the CPU and main memory. So, we've added the *Intel 82385 cache controller chip along with 32KB of high speed cache memory* to keep frequently used data in cache, eliminating wait states nearly 95% of the time.

The FlexCache 20386DT also features flexible dual bus architecture. It allows memory to flow at the greatest possible speeds, while keeping AT peripherals compatible. And we offer the FlexCache 20386DT with the most efficient fixed disks and controllers. They employ *1:1 interleave with full track data buffering*. It all adds up to the fastest 20MHz PC in the world, offered in the most popular platform in the world. The rugged desk top chassis of the FlexCache 20386DT still *allows for growth*. It's designed to accommodate an additional 66 or 100MB hard disk as well as an optional 3 1/2" or 5 1/4" device.

The Phoenix BIOS of the FlexCache 20386DT, as in all ALR systems, assures *universal compatibility* for all DOS programs and is tested and approved for Novell Netware* server applications.

At ALR, we design, manufacture and support the world's fastest, most advanced personal computers. *With a direct link to our technical support staff, you get the answers you need*, when you need them.

4.71 MIPS	ALR FlexCache 20386DT
4.59 MIPS	Compaq Deskpro 386/20 Mod. 60
3.53 MIPS	IBM PS/2 70 386 8570-121

Processing Performance based on Power Meter Version 1.2
MIPS (Million instructions per second)

And all systems are backed by a full one year factory warranty. We also offer an extended warranty program and on site service policies. ALR products are available through a nationwide network of authorized dealers. Call today for the dealer nearest you.
1-800-444-4ALR

ALR FlexCache 20386DT Specifications
Processor:
Intel 32-bit 80386 CPU with 20-MHz system clock
Cache:
Intel 82385 Cache controller chip with 32KB of 35ns static RAM
Coprocessor:
Intel 32-bit 80387 support with 20-MHz system clock
Memory:
1-MB of 32-bit 80ns dynamic RAM. Expandable to 2MB on Board. Memory card set available to expand total system memory to 10MB.
Expansion Slots:
Industry-standard PC/AT-compatible slots consisting of one 8-bit, six 16-bit, and two ALR FlexCache 32-bit slots. All slots are full-length and full-height
Storage Devices:
1.2-MB 5-1/4" floppy disk drive
40-MB < 28ms fixed disk (Model 401)
66-MB < 28ms RLL fixed disk (Model R66)
Optional 1.4-MB 312"floppy
Optional 150-MB tape streamer
Hard Disk Controller:
1:1 interleave MFM/RLL controller. Optional support for a second full-height hard drive
Physical Dimensions:
21.5" W x 17" D x 6" H.
Weight 60 lbs. maximum
Temperature:
0 to 40 degrees C (operating)
Humidity:
0 to 95% (non-condensing)
Power Supply:
AC Input 115/230 volts,
43-65Hz DC Input +5V @20AMP +12V @ 8 AMP 12V @ .3 AMP-5V @ .3 AMP

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* Prices and configurations are subject to change without notice