

# LIGHT YEARS AHEAD!

## Number Smasher<sup>®</sup>-860

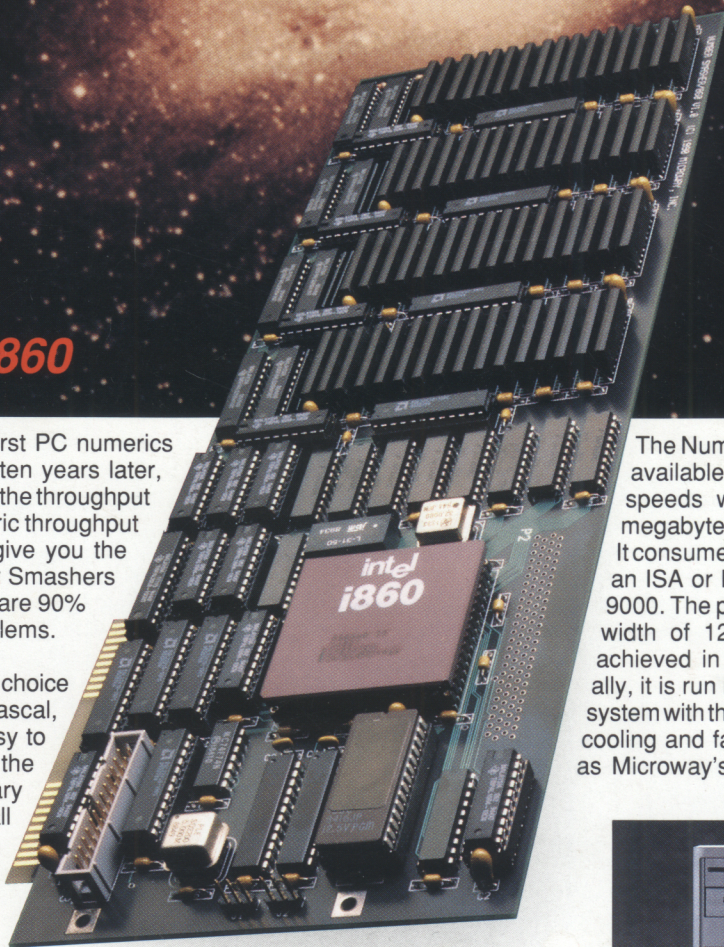
In 1982 when Microway introduced the first PC numerics tools, an 8087 delivered 50 Kflops. Just ten years later, Number Smasher-860 delivers 1600 times the throughput of the 8087. Its 80 megaflops of raw numeric throughput and 10 Linpack megaflop vector rating give you the speed of a Cray. In addition, two Number Smashers have been clocked at 135 Megaflops and are 90% efficient running fine grained parallel problems.

The Number Smasher-860 comes with your choice of Microway's NDP Fortran, C, C++ or Pascal, which feature extensions that make it easy to port applications from the VAX or PC to the i860. Each compiler includes GREX, a library of 200 graphics primitives that runs on all popular PC graphics adapters. Operating system support includes DOS, UNIX, XENIX, SunOS, OS/2 and HP-UX. The MS-DOS version includes XTEND-860, our proprietary i860 DOS Extender.

XTEND-860 makes it possible to write mixed applications which use a 286, 386 or 486 to handle human interfaces while calling on the i860 to do computations. We offer libraries for processing vectors, linear algebra, graphics and DSP. Optional tools include a vectorizer, symbolic debugger, and profiler. We also develop custom versions of Number Smasher-860 for OEMs who need to tailor the i860's power to their applications.

**For more information on Microway products  
or our i860 Seminar, please call 508-746-7341.**

The Number Smasher-860 is available in 33 and 40 MHz speeds with either 8 or 32 megabytes of 64-bit memory. It consumes 35 watts running in an ISA or EISA PC or the HP-9000. The peak i860/host bandwidth of 12 megabytes/sec is achieved in the EISA bus. Ideally, it is run in a high quality 486 system with the appropriate power, cooling and fast hard disks, such as Microway's 486-B<sup>3</sup> or 486-B<sup>2</sup>T.



# Microway<sup>®</sup>

**The World Leader in PC Numerics**

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