Improve Your Image

Plug in Marinco's New Single Board Array Processor And See the Difference

It's fast enough for real-time analysis. Small enough to fit in a single slot. And flexible enough to perform almost any algorithm.

That's the APB-3000 array processor. From Marinco.

It's Multibus*, Q-Bus**, UNIBUS** compatible.

To the host, it simply looks like extra memory.

Data flows through dual ports and settles in a mapped memory that can represent integer, floating point and complex numbers.

The dual ports allow the host access to both program memory and data memory.

And you can forget about long processing time.

The APB-3000 executes instructions in 125 nsecs. Which adds up to 8 million floating point operations per second. And extra boards can be linked for 16, 24, 32 MFLOPS or more. A 1024 point real FFT integer is processed in 4.1 msecs. Start to finish.

Standard routines include FFTs, power spectral density, correlation digital filtering and deconvolution.

Or create your own.

It's simple. The board is easy to talk to. Especially in FORTRAN.

Order the board with standard ROM. Or with RAM for development. If you wish, Marinco will back you up with extensive engineering and software support.

While the board may inflate your micro's ego, it won't inflate your budget. The cost: $4250. Complete. And quantity discounts are available.

So call us today.

The APB-3000 could turn your micro into a mainframe. Which is certain to improve your image processing.

And your image.