



WE CONFIGURE IT OUT

Whatever your application requirements, our FPS-5000 Series of Array Processors offer a power-memory-I/O configuration to match.

No two application environments are exactly the same. No single array processing system can meet every need.

That's why, unlike other systems on the market, the FPS-5000 Series from Floating Point Systems gives you a choice:

The FPS-5000 family, with 16 primary configurations, offers a performance range from 8 to 62 million floating-point operations per second; data memory from 0.5M to 1M words; program memory to 32K words; and a variety of I/O options.

By taking this modular approach to system architecture, we're able to work with you in determining the optimum

configuration to match your particular performance requirements. Should your requirements change, cost-efficient field-installable upgrades assure continued compatibility.

Distributed Processing Architecture

The unequalled configurability and cost efficiency (less than \$2,000 per MFLOP)* of the FPS-5000 Series is achieved by combining a distributed processing architecture with the latest VLSI technology.

Throughput is maximized by allocating the computational load to a set of independent, self-contained 18-MFLOP-capacity processing units called Arithmetic Coprocessors. I/O processors can be added to interface with bulk storage and real-time devices. Data flow is managed by both

the central control processor and by independent I/O processors.

With distributed processing architecture, you select the power-memory-I/O configuration that is tailored specifically to your needs.

We work with you

Floating Point Systems pioneered the array processor in 1975, and has led the industry ever since, with product developments and enhancements designed to optimize each customer's system and protect their investment.

The FPS-5000 Series is no exception. It provides a software migration path for our previous 38-bit processors, interfaces with a wide range of host computers, and offers the same impeccable quality, reliability and worldwide support services that have always set Floating Point Systems products above the rest.

For more information, call toll free, 1-800-547-1445.

FPS-5000 SERIES

Rated MFLOP

Product Group	8	12	26	30	44	48	62
5100	5105	—	5110	—	—	—	—
5200	—	5205	—	5210	—	—	—
5300	—	—	—	5310	—	5320	—
5400	—	—	5410	—	5420	—	5430
5500	—	5505	—	5510	—	—	—
5600	—	—	—	5610	—	5620	—

*Based on U.S. Domestic Prices, Model FPS-5430.

Write 56 on Reader Inquiry Card



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