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Cray Research Incorporated

Status:

Active systems manufacturer.

Overview of Organisation:

Cray has a well established user-base in the aerospace, automotive, chemical, electronics and petroleum industries, as well as in research centres and laboratories. A substantial suite of libraries and applicati are available for a number of fields (over 600 quoted), but particular computational chemistry and fluid dynamics. Currently over 270 Cr installations in over 200 customer sites. Staffing is over 5000 worldw

Cray Research Inc. was founded by Seymour Cray in 1972 to produc fastest computer in the world --- the first supercomputer. The Cray available fr niprocessor supercompu often compared. evolved into -processor supercompu ts to cooperate on problems, w tself being superce by two sena

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CRAY YMP

Overview of Platform:

Models include: Y-MP 2E, 4E, 8E, 8I

This is a multiprocessor pipelined vector machine. It ha architecture to the CRAY X-MP. A major difference i of 32- as well as 24-bit addressing. The cycle time is 6 8 processor machine. As in the X-MP there are three p memory to the vector registers.

Compute Hardware:

There are only three module types, for the CPU (8 mod memory (32 modules, with 1 Mword/module), and the making 41 modules in all compared with 144 in the X- module is on an 1 with gate delay o on four PCBs wi

Interconnect / C

Architecture up t

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