Arizona State University Supercomputer Center

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Description

- Cray X-MP/18 supercomputer running Unicos 5.0 and VAXstation software, eight Mwords main memory, 7.2 Gbytes DD39 disk storage. The Cray supports both interactive and batch access. SUPERLINK access to eighty-five Gbytes of IBM-3380 disk storage. Fortran, C, and Pascal vectorizing and parallelizing compilers.

- IBM-3090/500E/3VF supercomputer running MVS/XA, 128 Mbytes main memory, 85 Gbytes of IBM-3380 disk storage, eight tape drives. ESSL, BMDP, DI-3000, CalComp, ACSL, and numerous other software packages are available.

- Calcomp, Versatec, Tektronix, LaserWriter printers and plotters

- Campus-wide local area network

- High-speed graphics visualization pilot project

Network Access

Both supercomputers are accessible via Internet, Bitnet, WestNet, USEnet, and dial-up modems. Contact the center for details.

Who Can Use the Center

Supercomputing facilities are available to ASU faculty, staff, and students. Commercial and industrial accounts are available on a cost-recovery basis. ASU is particularly interested in forming research partnerships with commercial organizations that need the processing and simulation capabilities of high-speed computers.

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Miscellaneous Information

ASU is an Academic Affiliate of the National Center for Supercomputer Applications (NCSA) and is in the process of becoming a Smart Node for the Cornell National SUpercomputer Facility (CNSF).

Administrative staff members:

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