Arizona State University Supercomputing Services

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Description

- Cray X-MP/18 supercomputer running Unicos 5.1, VAX station software, 8 Mwords main memory, 8.4 Gbytes DD39 disk storage. The Cray supports both interactive and batch access. SUPERLINK access to 85 Gbytes of IBM-3380 disk storage. Fortran, C, and Pascal vectorizing and parallelizing compilers. X-Window interface. Software: IMSL, MPGS, MATLAB, other packages installed upon demand.
- IBM-3090/500E/3VF supercomputer running MVS/XA, 256 Mbytes main memory, 85 Gbytes of IBM-3380 disk storage, 8 tape drives, Memorex tape robot. Software: ESSL, OSL, BMDP, DI-3000, CalComp, ACSL, and numerous other packages.
- High-speed graphics visualization laboratory (SGI, Macintosh, film recorders, etc.)
- CalComp, Versatec, Tekronix, LaserWriter printers and plotters
- Campus-wide TCP/IP local area network
- Training, seminars, workshops, classes, and documentation available.

Network Access

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

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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.

Miscellaneous Information

ASU is an Academic Affiliate of the National Center for Supercomputer Applications (NCSA), the Pittsburgh Supercomputer Center (PSC), the San Diego Supercomputer Center (SDSC), and the Cornell National Supercomputer Facility (CNSF).

Administrative staff members:

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