

Information Technology Center

To support advanced research across the campus, we have installed a computer network system called "Mandara", which is maintained centrally and provides a campus-wide information processing environment.

Mandara has a huge storage capacity of 1 petabyte (10^{15} bytes), a group of processing servers with gigaflop speed and a superfast network system running at 40 gigabits per second. Every member of the university is allocated a workstation or a PC to use the system efficiently.



Mandara Network

The vital requirements of the network include support for the close sharing of resources for high-quality multimedia communications and grid computing. The Network has been the highest-speed campus network in the world since NAIST's foundation. It currently provides speeds of over 40 gigabits per second (backbone) and 10 gigabit per second (branches). Mandara is linked to the Internet using a dedicated fast connection of 10 gigabits per second, enabling ultra-high-speed communications with sites in Japan and throughout the world.

