

# Basic Concept and Approach of Open Supercomputer

## ● Openness about Architecture

The CPU and network architectures are based on commodity hardware to use the latest technologies.

## ● Openness about System Software

The system software is based on open source so that the user programs developed in PC clusters are easily migrated to the open supercomputer environment.

## ● Openness about Users' Demands

The new users' demands, such as genome informatics, data mining, and computer graphics are supported in addition of traditional supercomputer applications.

### Feasibility Study

- Node and interconnection architecture
- Parallelizing compiler and programming environment
- High performance communication library
- Grid and WEB services