

Specification of Open Supercomputer

● Node

CPU (based on IA32)	≥ 160 GFLOPS
Main Memory	≥ 32 GByte
Memory Bandwidth	≥ 40 GByte/sec
Local Disk	≥ 250 GByte

● Network

MPI level performance

Bandwidth	≥ 4 GByte/sec
Round Trip Latency	≤ 6 μsec

● Basic Software

- Unix (Linux)
- Fortran, C, and C++
(with Parallelizing Compilers)
- OpenMP
- Java
- MPI communication library

● Total Performance

Organization	CPU performance	Memory
University of Tokyo	≥ 150 TFLOPS	≥ 30 TByte
University of Tsukuba	≥ 80 TFLOPS	≥ 16 TByte
Kyoto University	≥ 66 TFLOPS	≥ 13.3 TByte