Minimum Requirements for Resource Centers

The minimum hardware requirements and network connectivity are specified below. The total number of machines must be at least 8, assigned as follows: 1 User Interface (UI), 1 Gate Keeper (also known as Computing Element), 5 Worker Nodes, and 1 Storage Element. Any extra machines will usually be utilized as Worker Nodes, but an extra User Interface may also be installed.

Minimum requirements for processor type and speed

- User Interface: Twin 2.0GHz Pentium 4 or single 2.8GHz Pentium 4*
- Gate Keeper: Twin 2.0GHz Pentium 4 or single 2.8GHz Pentium 4*
- Worker Nodes: Twin 2.0GHz XEON*
- Storage Element: Single 733MHz Pentium 4*

* equivalent processors are also acceptable

Minimum requirements for memory and storage capacity

- User Interface: 1GB RAM, 60GB Hard Drive
- Gate Keeper (aka CE): 1GB RAM, 40GB Hard Drive
- Worker Nodes: 1GB RAM, 40GB Hard Drive
- Storage Element: 256MB RAM, 100GB Hard Drive

All nodes , other minimum requirements

- User Interface: 10/100 Ethernet card
- Gate Keeper: 10/100 Ethernet card
- Worker Nodes: 10/100 Ethernet card
- Storage Element: 10/100 Ethernet card

Additional Hardware needed at site

- 100Mbps copper network switch (or better)

Connectivity with GEANT

For connecting to Europe's research network, at least a **34Mbps** connection (ATM, frame relay or leased line) to CYNET is desirable. For pricing information, please visit the CYNET web site at http://www.cynet.ac.cy/ and download the application form.