

## Introduction

Welcome to Salomon supercomputer cluster. The Salomon cluster consists of 1008 compute nodes, totaling 24192 compute cores with 129TB RAM and giving over 2 Pflop/s theoretical peak performance. Each node is a powerful x86-64 computer, equipped with 24 cores, at least 128GB RAM. Nodes are interconnected by 7D Enhanced hypercube Infiniband network and equipped with Intel Xeon E5-2680v3 processors. The Salomon cluster consists of 576 nodes without accelerators and 432 nodes equipped with Intel Xeon Phi MIC accelerators. Read more in Hardware Overview.

The cluster runs CentOS Linux operating system, which is compatible with the RedHat Linux family.

### Water-cooled Compute Nodes With MIC Accelerator



Figure 1:

### Tape Library T950B



Figure 2:



Figure 3:

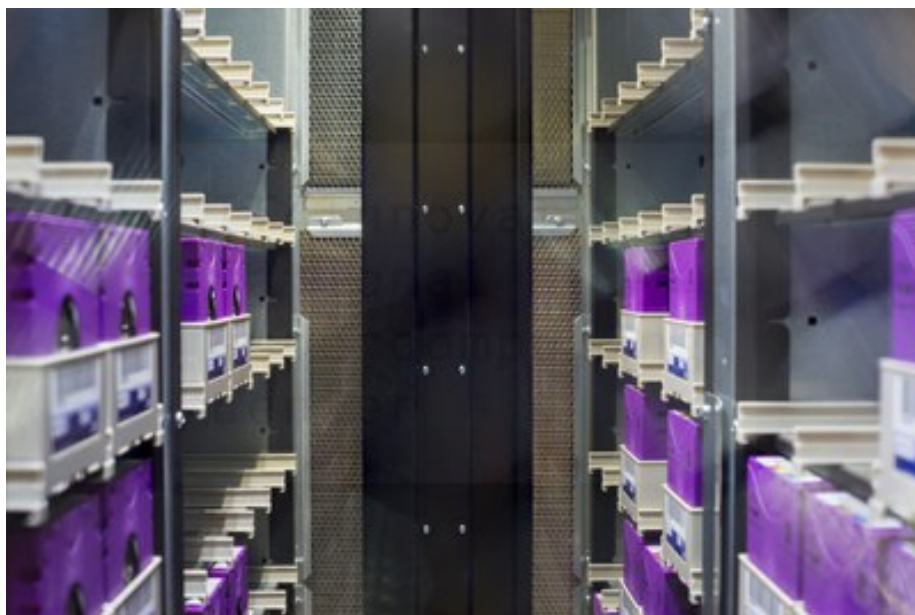


Figure 4: