

USQ currently operates one cluster:

- Fawkes Cluster (a SGI C2112 system, commissioned Mar 2016)

The Fawkes Cluster has:

Summary			
Compute nodes	24	128Gb memory each	2x10 cores
Compute nodes	4	128Gb memory each	2x12 cores
Large memory nodes	4	256Gb memory each	2x10 cores
GPU nodes	1 (2xK80)	128Gb memory	2x10 cores
Visualization node	1	512Gb memory	2x8 cores
Total computational cores			676
Processor(s)	Intel ES-2650v3 Intel ES-2650v4	2.30GHz 2.20GHz	
Performance	31.6Tflops		
Total memory	4.2Tb		
Raw Storage	180TB with tape storage		
Operating system	RHEL	6.9	
Mellanox	FDR Infiniband	42Gb	

