

Hyak Node Hardware

This information is for ikt.hyak.

Below is an overview of the node types that make up Hyak and a summary of their [SPEC benchmark](#) results. SPEC benchmarks are made up of a number of real world scientific and engineering applications. The base benchmark represents single-threaded performance, the rate benchmark represents multi-threaded performance.

	Processor Type	SPECint	SPECint_rate	SPECfp	SPECfp_rate	Count
16 core	Intel E5-2650	44.9	541	76	431	57
16 core v2	Intel E5-2650 v2	57.1	683	100	556	438
32 core	Intel E7-4820	28.9	719	47.4	535	1