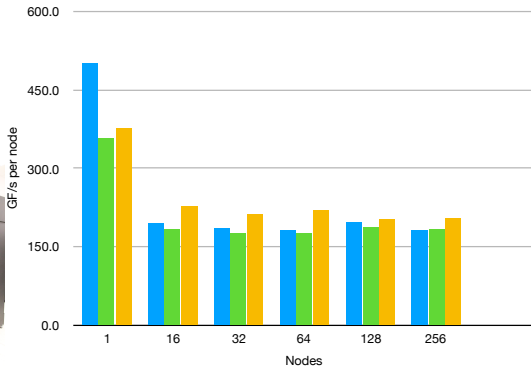


- Edinburgh HPE 8600 system, 844 dual socket nodes (March 2018)
 - Skylake Silver 4116, 12 core; Omnipath interconnect
 - Relatively cheap node: enables high node count and scalability
 - Upgrade to over 1400 nodes in 2018/19.

12⁴ 16⁴ 24⁴
Tesseract performance per node vs nodes, volume



- 512 nodes topology aware code bidirectional 19GB/s (25GB/s peak)
 - 76% wirespeed using every link in system concurrently
- Collaboration w. Intel, Brookhaven Lab: introduced concurrency in Intel MPI, OPA
- <https://arxiv.org/pdf/1711.04883.pdf>