

# High Performance Computing

<b>Term</b>	High Performance Computing
<b>Abbreviation</b>	HPC
<b>Definition</b>	A computing paradigm that focuses on the efficient execution of compute intensive, tightly-coupled tasks. Given the high parallel communication requirements, the tasks are typically executed on low latency interconnects which makes it possible to share data very rapidly between a large numbers of processors working on the same problem. HPC systems are delivered through low latency clusters and supercomputers and are typically optimised to maximise the number of operations per seconds. The typical metrics are FLOPS, tasks/s, I/O rates.
<b>Source</b>	FitSM-0
<b>Owner</b>	
<b>Last updated</b>	11 Dec 2020