- Cassandra doesn't require special machines.
- The minimum amount of RAM is **8** GB
- In production, 32 GB RAM per node is common.
  - If you add more memory, read performance is good. Similar with CPU.
- The minimum number of recommended **core** is 4.
- Highly recommended not to use **shared storage**
- For the disk, SSD is recommended.
- 500 GB to 1TB is recommended per node.
- To provide maximum performance, it is recommended to use different driver for commitlog

Reference doc:
https://www.odbms.org/wp-content/uploads/2014/06/WP-DataStax-Enterprise-Reference-Architecture-2014.pdf

DEPLOY ON CLOUD

Amazon AWS EC2

Data per node	Instance Type	Memory	Disk	Network Performance
< 100 GB	m1.xlarge	15 GB	Ephemeral	High
< 100 GB	c3.2xlarge	15 GB	SSD	High
< 1 TB	i2.2xlarge	60 GB	SSD	High

Google Cloud Compute Engine

Data per node	Instance Type	Memory	Disk
< 200 GB	n1-standard-8	30 GB	2 TB persistent disk
< 1 TB	n1-highmem-16	104 GB	4 TB persistent disk