

Ansys Elastic Licensing - Hardware Consumption Rate Table

Version									
5.4									
Specification	Cloud Hardware Configuration								
	H16r	H16mr	HC	HB	HBv2	HBv3	NV6	NV12sv3	NV48sv3*
Max Nodes	4	4	16	16	8	8	1	1	1
Cores per Node	16	16	44	60	120	120	6	12	48
Max Cores	64	64	704	960	960	960	6	12	48
RAM per Node (GB)	112	224	352	240	480	448	56	112	448
Temp Storage per Node (GB)	2000	2000	700	700	480	480	340	320	2948
Frequency Peak (GHz)	3.3	3.3	3.4	2.55	3.1	3.1	NA	NA	NA
Memory Bandwidth (GB/s)	80	80	191	263	350	350	NA	NA	NA
Memory Bandwidth per Core (GB/s)	5.00	5.00	4.34	4.38	2.92	2.92	NA	NA	NA
Interconnect Bandwidth (GB/s)	56	56	100	100	200	200	VDI only	VDI only	VDI only
GPU	-	-	-	-	-	-	1xM60	1xM60	4xM60
GPU VRAM (GB)	-	-	-	-	-	-	8	8	32
Target Physics for HPC	F	M,E	All	M,F	M,F,S	M,F,S	-	-	-
Target Physics for Interactive	-	All	All	-	F	F	All	All	All
Region	Rate (AHC/node/hr or AEC/node/hr) per Hardware Configuration								
	H16r	H16mr	HC	HB	HBv2	HBv3	NV6	NV12sv3	NV48sv3*
Europe North	2.0	2.1					1.9	2.5	9.9
Europe West	2.1	2.3	6.4	4.6	9.6	9.6	2.1	2.9	11.7
India Central	2.0	2.2					2.7	3.3	13.1
Japan East	2.3	2.5	7.2		8.1		2.5	3.2	13.0
US East	1.8	2.0	4.9	3.6	7.4	7.4	1.8	2.3	9.3
US North Central	1.8	2.0							
US South Central			7.1		8.1	8.9	2.4	2.8	11.2
US West	2.0	2.1						2.3	9.3
US West 2			6.5		7.4		2.2	2.3	9.3

Notes

An Ansys Cloud subscription is required.

AHC = Ansys Hardware Currency, AEC = Ansys Elastic Currency.

AEU (Ansys Elastic Unit) consumption rates are 0.4 times the AEC/node/hr values above.

NV configurations are only available for Virtual Desktop interactive sessions.

*NV48sv3 is only available upon request. Contact your account manager if interested.

Availability of specific Hardware Configurations in specific Regions is not guaranteed and is subject to change.

Some Hardware Configurations are not available for some applications.

Target Physics: M = Mechanical, F = Fluids, E = Electronics, S = SPEOS.

Actual consumption is based on the number of compute nodes (virtual machines) used, multiplied by the corresponding value above and the time used. For SPEOS on HC and Electronics on all configurations, Small = 1 compute node, Medium = 2, Large = 4, XLarge = 8, and XXLarge = 16. For SPEOS on HBv2, Small = 1 compute node, Medium = 2, Large = 4, and XLarge = 6. Virtual Desktop sessions are limited to one compute node.