

Ansys Elastic Licensing - Hardware Consumption Rate Table

Version							5.9
Specification	Cloud Hardware Configuration						
	HC	HB	HBv2	HBv3	NV12sv3	NV48sv3*	
Max Nodes	16	24	8	20	1	1	
Cores per Node	44	60	120	120	12	48	
Max Cores	704	1440	960	2400	12	48	
RAM per Node (GB)	352	228	456	448	112	448	
Temp Storage per Node (GB)	700	700	960	1920	320	2948	
Frequency Peak (GHz)	3.4	2.55	3.1	3.1	2.6	2.6	
Memory Bandwidth (GB/s)	191	263	350	350	NA	NA	
Memory Bandwidth per Core (GB/s)	4.34	4.38	2.92	2.92	NA	NA	
Interconnect Bandwidth (GB/s)	100	100	200	200	VDI only	VDI only	
GPU	-	-	-	-	1xM60	4xM60	
GPU VRAM (GB)	-	-	-	-	8	32	
Target Physics for HPC	All	M,F	M,F,S	M,F,S	-	-	
Target Physics for Interactive	All	M,F	M,F,S	M,F,S	All	All	
Region	Rate (AHC/node/hr or AEC/node/hr) per Hardware Configuration						
	HC	HB	HBv2	HBv3	NV12sv3	NV48sv3*	
Europe North	7.75				2.50	10.00	
Europe West	6.50	4.75	9.50	9.50	3.00	11.75	
India Central	9.00					13.00	
Japan East	7.25		8.25		3.25	13.00	
US East	5.00	3.50	7.50	7.50	2.25	9.25	
US North Central							
US South Central	7.25		8.25	8.75	2.75		
US West						9.25	
US West 2	6.50		7.50			9.25	

Notes

An Ansys Cloud Direct 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.

NVv3 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 some 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.