Ansys Academic Product Reference Table

	Structures, Fluids & Discovery Solver Products												Electronics & Systems Solver Products																							Optics & Photonics Solver Products						Materials Products												Solver Numerical Limits						MCAD Geometry & EDA Interfaces					High Performance Computing				Other			
	Ansys Mechanical Enterprise (Autodyn, Fatigue Module, Asas, Aqwa, & more)	Ansys CFD Enterprise (CFX, Fluent, FENSAP-ICE, Forte, Polyflow, Chemkin, & more)	Ansys Ensight Enterprise	Ansys Blademodeler	Ansys LS-DYNA	Ansys Forming	Ansys Additive Suite	Ansys Additive Print	Ansys Discovery Modeling	Ansys Discovery Simulation	Ansys Motion (Motion, Drivetrain, Links, Easy Flex, STEP Translator, Parasolid Translator, Catia Importer)	Ansys Sherlock	Ansys Electronics Enterprise (Electronics Desktop, HFSS, Maxwell, & more)	Ansys Electronics Premium HFSS	Ansys Electronics Premium Icepak	Ansys Electronics Premium SIwave	Ansys Electronics Premium Q3D Extractor	Ansys Electronics Premium Maxwell	Ansys EMA3D Cable	Ansys EMA3D Charge	Ansys Motor-CAD Enterprise	Ansys RedHawk NX	Ansys RedHawk SD	Ansys PowerArtist XP	Ansys RaptorX	Ansys RaptorX HPM	Ansys NuHertz FilterSolutions	Ansys SCADE Suite Advanced Modeler Seat	Ansys SCADE Suite KCG Code Generator - C and ADA	Ansys SCADE Display Advanced Modeler Seat	Ansys SCADE Display KCG	Ansys SCADE Architect Advanced Modeler Seat	Ansys SCADE LifeCycle Reporter	Ansys SCADE Test Environment for Host	Ansys SCADE Test Model Coverage	Ansys Lumercial FDTD	Ansys Lumerical MODE	Ansys Lumerical Multiphysics	Ansys Lumerical INTERCONNECT	Ansys Lumerical CML Compiler	Ansys SPEOS (Enterprise, Far Infrared Ext, HUD Design & Analysis, Optical Part Design, Optical Sensor Test)	Ansys GRANTA Selector	Ansys GRANTA Advanced Materials - Aero	Ansys GRANTA Advanced Materials - Metals	Ansys GRANTA Advanced Materials - Polymers	Ansys GRANTA Advanced Materials - Composites	Ansys GRANTA Advanced Materials - Additive Manufacturing	Ansys GRANTA Advanced Materials - Medical	Ansys GRANTA Advanced Materials - Eco	Ansys GRANTA Advanced Materials - ESDU	Ansys Granta Materials Data for Simulation	Ansys GRANTA EduPack Introductory	Ansys GRANTA EduPack	128K nodes/element - All FEA	64K nodes/element - Low Frequency Electromagnetics	512K nodes/element - Low Frequency Electromagnetics	512K nodes/element - High Frequency (Full Wave) Electromagnetics	64K nodes/element - High Frequency (Full Wave) Electromagnetics	512K nodes/element - All CFD	Ansys Geometry Interfaces for Parasolid & SAT	Ansys Geometry Interfaces for Solidwork, SolidEdge, Autodesk, NX	Ansys Geometry Interface for CATIA V5 & V6 Reader	Ansys Geometry Interface for Creo Parametric & Elements/Direct Modeling	Geometry Interface for JT	Built-in HPC (4 cores per task)	Ansys HPC (Additional floating 12 cores per task)	Ansys Optis HPC (Additional 12 floating cores per task)	Ability to extend built-in HPC (at extra cost)	Ansys optiSLang Enterprise	Node locked license (tied to installation machine)	Floating LAN Licenses (50 mile radius standard, upgradeable to Country Wide)	Floating LAN Licenses (Country Wide standard)
ACADEMIC STRUCTURES & FLUIDS PRODUCTS																																																																								
ACADEMIC ASSOCIATE																																																																									
Ansys Academic Associate Mechanical and CFD	•	•	•	•	•	•	•	•	•	•	•	•			•																																				•									•	•	•	•	•	•	•		•	•		•	
Ansys Academic Associate CFD		•	•	•					•	•					•																																				•									•	•	•	•	•	•	•		•	•		•	
Ansys Academic Associate HPC (Including HPC Workgroup)	•	•																																																																					•	
ACADEMIC RESEARCH																																																																									
Ansys Academic Research Mechanical and CFD	•	•	•	•	•	•	•	•	•	•	•	•			•																																				•									•	•	•	•	•	•	•		•	•		•	
Ansys Academic Research Mechanical	•				•	•	•	•	•	•	•																																								•									•	•	•	•	•	•	•		•	•		•	
Ansys Academic Research CFD		•	•	•					•	•					•																																				•									•	•	•	•	•	•	•		•	•		•	
Ansys Academic Research HPC (Including HPC Workgroup)	•	•																																																																						•	
Ansys Academic Research LS-DYNA HPC					•																																																																				•	
ACADEMIC TEACHING																																																																									
Ansys Academic Teaching Mechanical and CFD	•	•	•	•	•	•	•	•	•	•	•	•			•																																				•									•	•	•	•	•	•				•		•	
Ansys Academic Teaching Mechanical	•				•	•	•	•	•	•	•																																								•									•	•	•	•	•	•				•		•	
Ansys Academic Teaching CFD		•	•	•					•	•					•																																				•									•	•	•	•	•	•				•		•	
ACADEMIC FREE STUDENT PRODUCTS																																																																								
Ansys Student	•	•	•	•					•																																													•	•		•		•						•					•		
Ansys Discovery Student									•	•																																												•					•											•		
Ansys SCADE Student																												•	•																																									•		
Ansys LS-DYNA Student					•																																																	•											•					•		
Ansys Electronics Desktop Student														•	•		•	•																																					•			•	•						•					•		
ACADEMIC TOOLBOX																																																																									
Ansys Academic Preprocessing Tools (renamed from Meshing Tools)																																																											•	•	•	•	•							•	
ACADEMIC ELECTRONICS & SYSTEMS PRODUCTS																																																																								
ACADEMIC ASSOCIATE																																																																									
Ansys Academic Associate Electronics Suite									•			•	•						•	•	•	•		•			•																								•														•	•		•	•		•	
Ansys Academic Associate HF									•					•	•	•	•		•	•							•																								•														•	•		•	•		•	
Ansys Academic Associate EM									•						•		•	•			•						•																								•														•	•		•	•		•	
Ansys Academic Associate Redhawk																						•			•	•																																											•		•	
Ansys Academic Associate Powerartist																								•																																													•		•	
Ansys Academic Associate SCADE																												•	•	•	•	•	•	•	•																																			•		•	
ACADEMIC RESEARCH																																																																									
Ansys Academic Research Electronics Suite									•			•	•						•	•	•	•	•	•			•																								•														•	•		•	•		•	
Ansys Academic Research HF									•					•	•	•	•		•	•							•																								•														•	•		•	•		•	
Ansys Academic Research EM									•						•		•	•			•						•																								•														•	•		•	•		•	
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Ansys Academic Research Powerartist																								•																																													•		•	
Ansys Academic Research SCADE																												•	•	•	•	•	•	•	•																																			•		•	
ACADEMIC TEACHING																																																																									
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Ansys Academic Teaching HF									•					•	•	•	•		•	•							•																								•														•				•		•	
Ansys Academic Teaching EM									•						•		•	•			•						•																								•														•				•		•	
Ansys Academic Teaching Redhawk																							•		•	•																																											•		•	
Ansys Academic Teaching Powerartist																								•																																													•		•	
Ansys Academic Teaching SCADE																												•	•	•	•	•	•	•	•																																			•		•	
ACADEMIC MULTIPHYSICS CAMPUS SOLUTION PRODUCTS																																																																								
Ansys Academic Multiphysics Campus Solution	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•														•										•									•	•	•	•	•	•	•		•	•			•
ACADEMIC LUMERICAL (PHOTONICS) PRODUCTS																																																																									
ACADEMIC RESEARCH																																																																									
Ansys Academic Lumerical FDTD Research																																			•																													•		•		•		•	
Ansys Academic Lumerical Accelerator Research																																			•																													•		•		•		•	
Ansys Academic Lumerical Research																																			•	•	•	•	•	•																								•		•		•		•	
ACADEMIC TEACHING																																																																									
Ansys Academic Lumerical Teaching																																			•	•	•	•	•	•																								•				•		•	
ACADEMIC GRANTA (MATERIALS) PRODUCTS																																																																									
ACADEMIC RESEARCH																																																																									
Ansys GRANTA Research Selector																																									•																														
Ansys GRANTA Research Advanced Materials - Aero																																										•																													
Ansys GRANTA Research Advanced Materials - Metals																																											•																												
Ansys GRANTA Research Advanced Materials - Polymers																																												•																											
Ansys GRANTA Research Advanced Materials - Composites																																													•																										
Ansys GRANTA Research Advanced Materials - Additive Manufacturing																																														•																									
Ansys GRANTA Research Advanced Materails - Medical																																															•																								
Ansys GRANTA Research Advanced Materials - Eco																																																•																							
Ansys GRANTA Research Advanced Materials - ESDU																																																	•																						
ACADEMIC TEACHING																																																																									
Ansys GRANTA EduPack Introductory																																																			•																					
Ansys GRANTA EduPack																																																				•																				

NOTES:

As of 2021 R1, license feature increments for academic and commercial are the same, and all Ansys Academic products use the Ansys License Manager. Our Academic Product Bundles can include many products, thus it is not practical to show all the features in this table. Please use the Ansys Learning Forum (www.ansys.com/forum) or contact your Ansys Academic Account Manager/Technical Support for questions on specific features. This reference guide now highlights the commercial products included in each Academic Product bundle and when universitites access the license all commercial features are included.

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