

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	
ACADEMIC STRUCTURES & FLUIDS PRODUCTS	Ansys Mechanical Enterprise (Abeq3n, FEMAP Module, Aiaa, Ansys, & more) Ansys CFD Enterprise (CFX, Fluent, FENSAP-ICE, Icpm, Polyflow, Chemkin, & more) Ansys Enight Enterprise Ansys Blademodeler Ansys LS-DYNA Ansys Additive Suite Ansys Additive Print Ansys Discovery Modeling Ansys Discovery Simulation Ansys Motion (Motion, Overran, Links, Easy Free, STEP Transfer, Parallel Transfer, Cells) Ansys Star Ansys Electronics Enterprise (Electronics Desktop, HFSS, Maxwell, & more)	Ansys Electronics Enterprise (Electronics Desktop, HFSS, Maxwell, & more) Ansys Electronics Premium HFSS Ansys Electronics Premium Icpm Ansys Electronics Premium Slvare Ansys Electronics Premium Q3D Extractor Ansys Electronics Premium Maxwell Ansys EMBAD Cable Ansys EMBAD Charge Ansys EMBAD Charge Enterprise Ansys Redhawk AX Ansys Redhawk SD Ansys PowerArtist XP Ansys Redhawk Ansys Redhawk-HPM Ansys NuHeat FiberSolutions Ansys SCADE State Advanced Modeler Seat Ansys SCADE State KCC Code Generator - C and ADA Ansys SCADE E Display Advanced Modeler Seat Ansys SCADE Advanced Modeler Seat Ansys SCADE Advanced Modeler Seat Ansys SCADE Advanced Modeler Seat Ansys SCADE UMCODE Recorder Ansys SCADE Test Environment for Host Ansys SCADE Test Model Coverage Ansys Lumerical FDTD Ansys Lumerical MODE Ansys Lumerical Multiphysics Ansys Lumerical INTERCONNECT Ansys Lumerical OML Compiler Ansys Lumerical FEMTOSIM (renamed to: LUM Design & Analysis, Optics Post Design, Optics 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 EduPack Introductory Ansys GRANTA EduPack	Ansys Lumerical FDTD Ansys Lumerical MODE Ansys Lumerical Multiphysics Ansys Lumerical INTERCONNECT Ansys Lumerical OML Compiler Ansys Lumerical FEMTOSIM (renamed to: LUM Design & Analysis, Optics Post Design, Optics 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 EduPack Introductory Ansys GRANTA EduPack	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 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 CATIA V5 & V6 Ansys Geometry Interfaces for SolidWorks Ansys Geometry Interfaces for Creo Parametric & Elements/Direct Modeling Ansys Geometry Interface for JT Built-in HPC (4 cores per task) Ansys HPC (Additional floating 12 cores per task) Ansys Optic HPC (Additional 12 floating cores per task) Ability to extend built-in HPC (at extra cost)	Ansys opSLang Enterprise Node locked license (electro installation machine) Floating License (30-minute grace period, standard, upgradeable to County Wide) Floating LAN License (County Wide, standard)		
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	•								
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		•••••							
Ansys Academic Research Redhawk		•••••							
Ansys Academic Research PowerArtist		•••••							
Ansys Academic Research SCADE		•••••							
ACADEMIC TEACHING									
Ansys Academic Teaching Electronics Suite		•••••							
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 Materials - 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 universities access the license all commercial features are included.

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