

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 & EDAs Interfaces	High Performance Computing	Other
ACADEMIC STRUCTURES & FLUIDS PRODUCTS Ansys Mechanical Enterprise (Assocn., Fatigue Module, Axial Area, & more) Ansys CFD Enterprise (CFX, Fluent, FENSAP-ICE, Forte, Polyflow, Chemkin, & Ansys-Fluent Enterprise) Ansys Simulation Manager Ansys LS-DYNA Ansys Forming Ansys Additive Suite Ansys Additive Print Ansys Discovery Modeling Ansys Motion (Motion, Chassis, U-Link, Easy Flow, STP Translator, Parasolid Translator, Coles) Ansys Sound Pro Ansys Sherlock Ansys Electronics Enterprise (Electronics Desktop, HF SI, Maxwell, & more) Ansys Electronics Premium HFSS Ansys Electronics Premium Q3D Extractor Ansys Electronics Premium SIwave Ansys Electronics Premium Q3D Extractor Ansys Electronics Premium Maxwell Ansys EM/AD Charge Ansys EM/AD Cable Ansys Redhawk SD Ansys Redhawk XP Ansys PowerArtist Ansys RaptorX Ansys RaptorX 3P/4P Ansys Model Analysis Enterprise Ansys Model Analysis Enterprise 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 Test Environment for Host Ansys SCADE Test Model Coverage Ansys Lumerical FDTD Ansys Lumerical MODE Ansys Lumerical Multiphysics Ansys Lumerical Optics Ansys Lumerical OML Coprocessor Ansys SPICE Enterprise, for transient E, HD Design & Analysis, Optical Post Design, Optical Sensor To Ansys STK Enterprise Ansys QDTK 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 Materials Data for Simulation Ansys GRANTA EduPack Introductory Ansys GRANTA EduPack 128K nodes/element - All FEA 64K nodes/element - Low Frequency Electromagnetics 32K nodes/element - High Frequency (Full Wave) Electromagnetics 64K nodes/element - High Frequency (F & W) Electromagnetics 512K nodes/element - All CFD Ansys Geometry interfaces for Parasolid & SAT Ansys Geometry interfaces for SolidWorks, SolidEdge, AutoCAD, NX Ansys Geometry interfaces for Creo Parametric & Elements Direct Modeling Geometry Interface for JT Built-in HPC (4 cores per task) Built-in HPC (16 cores) Ansys HPC (Additional licensing - 12 cores per task) Ansys HPC (Additional licensing - 16 cores per research task) Ansys Optic HPC (Additional 12 licensing per task) Ansys HPC (Additional 16 cores per task) Ability to extend built-in HPC (at extra cost) Ansys optiSLang Enterprise Node locked license (led to installation machine) Floating LAN Licenses (50 mile radius standard, upgradeable to Country Wide) Floating LAN Licenses (Country 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 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 RESEARCH								
Ansys Academic STK Research			••					••
ACADEMIC TEACHING								
Ansys Academic STK 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.