Ansys Academic Product Reference Table

	Structures, Fluids, Thermal & Discovery Solver Products														Electronics														MBSE (Model-Based Systems Engineering)										Optics & Photonics Solver Products							Missions		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 Rocky	Ansys LS-DYNA	Ansys Forming	Ansys Thermal Desktop (Note: Customer will need to have Autodesk AutoCAD to use	Ansys Additive Suite	Ansys Additive Print	Ansys Discovery Modeling	Ansys Discovery Simulation	Ansys Motion (Motion, Drivetrain, Links, Easy Flex, STEP Translator, Parasolid Translator, Catia	Ansys Sound Pro	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 SynMatrix Filter	Ansys EMC Plus	Ansys Charge Plus	Ansys Motor-CAD Enterprise	Ansys RedHawk 3DX	Ansys PowerArtist XP	Ansys RaptorX	Ansys RaptorX HPM	Ansys NuHertz FilterSolutions	Ansys Medini Analyze Enterprise	Ansys ModelCenter Preimum	Ansys MC MBSE Connectors (Windchill, Genesys, and Rhapsody)	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 Zemax OpticStudio Enterprise	Ansys SPEOS for Creo Parametric (Enterprise, Optical Design Optimizer, Optical Sensor Test, Far Infrared Ext)	Ansys SPEOS (Enterprise, Far Infrared Ext, HUD Design & Analysis, Optical Part Design, Optical Sensor Test)	Ansys STK Enterprise	Ansys ODTK	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 where available)	Built-in 12 cores HPC per task	Ansys HPC (Additional 12 floating cores per research task)	Ansys Rocky HPC (Additional 12 floating cores per research task)	Ansys LS-DYNA HPC (3 floating cores per teaching task+15 floating cores/research	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)
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Ansys Academic Associate Mechanical and CFD	•	•	•	•	•	•	•		•	•	•	•	•	•	•			•																																							•									•	•	•	•	•	•		•	•	•		•	•		•	
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Ansys Academic Associate HPC (Including HPC Workgroup)	•	•																																																																																		•	
ACADEMIC RESEARCH																																																																																				
Ansys Academic Research Mechanical and CFD	•	•	•	•	•	•	•		•	•	•	•	•	•	•			•																																							•									•	•	•	•	•	•		•	•	•		•	•		•	
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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.

Table version: 2024 R1 Version Date: 1/8/2024

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