Table version: Release 19.0 Version Date: 3/1/18
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License Managers

Product	License Feature Name(s)	ANSYS License Manager (ansyslmd)	Ansoft License Manager (ansoftd)	Apache License Manager (apacheda)	Reaction Design License Manager	Esterel License Manager (estereld)
ACADEMIC STRUCTURAL & FLUIDS PRODUCTS						
ACADEMIC ASSOCIATE						
ANSYS Academic Associate Mechanical and CFD	aa_a, aa_mcad	•				
ANSYS Academic Associate CFD	aa_a_cfd, aa_mcad	•				
ANSYS Academic Associate Chemical Kinetics	Multiple features	•				
ANSYS Academic Associate HPC (Including HPC Workgroup)	aa_a_hpc	•				
ACADEMIC RESEARCH						
ANSYS Academic Research Mechanical and CFD	aa_r, aa_mcad	•				
ANSYS Academic Research Mechanical	aa_r_me, aa_mcad	•				
ANSYS Academic Research CFD	aa_r_cfd, aa_mcad	•				
ANSYS Academic Research Chemical Kinetics	Multiple features	•				
ANSYS Academic Research Polyflow (legacy)	*aa_r_pf, aa_mcad*	•				
ANSYS Academic Research Autodyn (legacy)	*aa_r_ad, aa_mcad*	•				
ANSYS Academic Research Electronics Thermal (legacy)	*aa_r_et, aa_mcad*	•				
ANSYS Academic Research Offshore/Marine (legacy)	*aa_r_om, aa_mcad, aa_r_aql*	•				
ANSYS Academic Research HPC (Including HPC Workgroup)	aa_r_hpc	•				
ANSYS Academic Research LS-DYNA	aa_r_dy, aa_mcad	•				
ANSYS Academic Research LS-DYNA HPC	aa_dy_p	•				
ACADEMIC TEACHING						
ANSYS Academic Teaching Mechanical and CFD	aa_t_a, aa_mcad, aa_ds	•				
ANSYS Academic Teaching Introductory (legacy)	*aa_t_i, aa_mcad, aa_ds*	•				
ANSYS Academic Teaching Mechanical	aa_t_me, aa_mcad, aa_ds	•				
ANSYS Academic Teaching CFD	aa_t_cfd, aa_mcad	•				
ANSYS Academic Teaching Chemical Kinetics	Multiple features	•				
ACADEMIC STUDENT						
ANSYS AIM Student	aa_s_aim					
ANSYS Academic Student	aa_t_i					
ANSYS Discovery Student Tech. Preview	n/a					
ACADEMIC TOOLBOX						
ANSYS Academic Preprocessing Tools (renamed from Meshing Tools)	aa_mesh, aa_mcad	•				
ANSYS Academic EnSight Post Processing Tools		•				
ANSYS Academic EKM Shared	ekm_desktop	•				
ANSYS Academic CFD Turbo Tools (legacy)	*aa_turbo*	•				
ANSYS Academic Fuel Cell Tools (legacy)	aa_fcell	•				
ANSYS Academic Composite Tools (legacy)	acpreppost	•				
ANSYS Academic SpaceClaim Tools (legacy)	a_spaceclaim_dirmod	•				
ANSYS Academic FENSAP Tools (legacy)	a_spaceclaim_dirmod				•	
ACADEMIC ELECTRONICS & SYSTEMS PRODUCTS						
ACADEMIC ASSOCIATE						
ANSYS Academic Associate Electronics Suite	Multiple features		•	•		
ANSYS Academic Associate HF	Multiple features		•			
ANSYS Academic Associate EM	Multiple features		•			
ANSYS Academic Associate Electronics HPC (Including HPC Workgroup)	Multiple features		•			
ANSYS Academic Associate Redhawk	Multiple features			•		
ANSYS Academic Associate Powerartist	Multiple features			•		
ACADEMIC RESEARCH						
ANSYS Academic Research Electronics Suite	Multiple features		•	•		
ANSYS Academic Research HF	Multiple features		•			
ANSYS Academic Research EM	Multiple features		•			
ANSYS Academic Research Electronics HPC (Including HPC Workgroup)	Multiple features		•			
ANSYS Academic Research Redhawk	Multiple features			•		
ANSYS Academic Research Powerartist	Multiple features			•		
ACADEMIC TEACHING						
ANSYS Academic Teaching Electronics Suite	Multiple features		•	•		
ANSYS Academic Teaching HF	Multiple features		•			
ANSYS Academic Teaching EM	Multiple features		•			
ANSYS Academic Teaching Redhawk	Multiple features			•		
ANSYS Academic Teaching Powerartist	Multiple features			•		
ANSYS Academic Teaching SCADE	Multiple features					•
ACADEMIC MULTIPHYSICS CAMPUS SOLUTION PRODUCTS						
ANSYS Academic Multiphysics Campus Solution (all versions)	Multiple features	•	•	•		

Structural & Fluids Solver Capability

Product	ANSYS AIM Pro	*ANSYS DesignSpace (Legacy)*	ANSYS Discovery Live Tech Preview	ANSYS Mechanical Enterprise	ANSYS Rigid Dynamics (Rigid Body Dynamics)	*ANSYS Emag (legacy, replaced by ANSYS Maxwell)*	ANSYS Multiphysics capability (includes LF Emag, HF Emag & FLOTRAN)	ANSYS CFX Full Capability Solver	ANSYS MFS Solver (Single code coupling)	ANSYS MFX Solver (Fluid Structural Interaction)	ANSYS Mechanical User Programmable Features (USER300 & related commands)	ANSYS Fluent	ANSYS Fluent NOx, Fiber, MHD, Population Balance Modules	ANSYS Fluent Fuel Cell Module	ANSYS Polyflow (Full Capability)	ANSYS Autodyn (2D & 3D) includes MM Euler Solver and Langrange Solver (Explicit STR)	ANSYS LS-DYNA	ANSYS Icepak	ANSYS CHEMKIN-Pro, FORTE, Reaction Workbench, Encrypted Non-Member	ANSYS FENSAP-ICE, Optigrid and Viewmerical	*ANSYS Asas - All modules except Concrete & Panel (Legacy, replaced by Mechanical Enterprise)*	ANSYS Aqwa Suite with Coupled Cable Dynamics
ACADEMIC STRUCTURAL & FLUIDS PRODUCTS																						
ACADEMIC ASSOCIATE																						
ANSYS Academic Associate Mechanical and CFD	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•		•
ANSYS Academic Associate CFD	•							•				•	•	•	•			•	•	•		•
ANSYS Academic Associate Chemical Kinetics																			•			
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 Chemical Kinetics																			•			
ANSYS Academic Research Polyflow (legacy)															•							
ANSYS Academic Research Autodyn (legacy)																•						
ANSYS Academic Research Electronics Thermal (legacy)																		•				
ANSYS Academic Research Offshore/Marine (legacy)																					•	•
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 Introductory (legacy)		•		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•		
ANSYS Academic Teaching Mechanical	•	•		•	•						•					•						•
ANSYS Academic Teaching CFD	•							•				•	•	•	•			•	•	•		•
ANSYS Academic Teaching Chemical Kinetics																			•			
ACADEMIC STUDENT																						
ANSYS AIM Student	•																					
ANSYS Academic Student		•		•	•	•	•	•	•	•	•	•	•	•	•	•				•		
ANSYS Discovery Student Tech. Preview			•																			
ACADEMIC TOOLBOX																						
ANSYS Academic Preprocessing Tools (renamed from Meshing Tools)																						
ANSYS Academic EnSight Post Processing Tools																						
ANSYS Academic EKM Shared																						
ANSYS Academic CFD Turbo Tools (legacy)																						
ANSYS Academic Fuel Cell Tools (legacy)														•								
ANSYS Academic Composite Tools (legacy)																						
ANSYS Academic SpaceClaim Tools (legacy)																						
ANSYS Academic FENSAP Tools (legacy)																						
ACADEMIC ELECTRONICS & SYSTEMS PRODUCTS																						
ACADEMIC ASSOCIATE																						
ANSYS Academic Associate Electronics Suite																						
ANSYS Academic Associate HF																						
ANSYS Academic Associate EM																						
ANSYS Academic Associate Electronics HPC (Including HPC Workgroup)																						
ANSYS Academic Associate Redhawk																						
ANSYS Academic Associate Powerartist																						
ACADEMIC RESEARCH																						
ANSYS Academic Research Electronics Suite																						
ANSYS Academic Research HF																						
ANSYS Academic Research EM																						
ANSYS Academic Research Electronics HPC (Including HPC Workgroup)																						
ANSYS Academic Research Redhawk																						
ANSYS Academic Research Powerartist																						
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 (all versions)	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•

Electronics & Systems Solver Capability

Product	ANSYS HFSS Frequency Domain Solver	ANSYS HFSS Time Transient Solver	ANSYS HFSS Integral Equation Solver	ANSYS HFSS Hybrid Solver	ANSYS HFSS Phyical Optics Solver	ANSYS HFSS Fullwave Spice Export	ANSYS SAVANT	ANSYS EMIT	ANSYS Q3D Extractor 3-D solver	ANSYS Q3D RL (AC & DC) & CG modeler	ANSYS Q3D Transmission line modeler	ANSYS Designer RF & SI - Integrated Schematic & Layout	ANSYS Designer RF & SI - Linear/DC Analysis	ANSYS Designer RF & SI - Field solver dynamic links	ANSYS Designer RF & SI - Solver on demand	ANSYS Designer RF - Planar EM	ANSYS Designer RF - System Analysis	ANSYS Designer RF - Smith/transmission line	ANSYS Designer RF - Harmonic Balance, Oscillator & Envelope	ANSYS Designer SI - Transient	ANSYS Designer SI - QuickEye & VerifEye	ANSYS Designer SI - IBIS-AMI	ANSYS Designer SI - 2D Extractor	ANSYS SIwave I2R DC solver	ANSYS SIwave Plane Resonance Solver	ANSYS SIwave Automated Capacitance decoupling analysis	ANSYS SIwave AC Solver (SYZ)	ANSYS SIwave Frequency Sweep Solver	ANSYS SIwave Near & Far Field Solvers	ANSYS SIwave Synopsis HSPICE integration	ANSYS SIwave Flight Time Calculator (Signal Net Analyzer)	ANSYS SIwave Circuit Analyzer (IBIS, IBIS-AMI, Power Aware IBIS, QE, VE, etc)	ANSYS Maxwell Transient solvers	ANSYS Maxwell AC Electromagnetic Solver	ANSYS Maxwell Magnetostatic Solver	ANSYS Maxwell Electric Field Solver	ANSYS Maxwell Vector Hysteresis Modeling	ANSYS Maxwell Dynamic Link with ANSYS Simplorer	ANSYS RMxprt Brush & Electronic Commutator Machine	ANSYS RMxprt Induction & Synchronous Machine	ANSYS PExprt 2D Conduction, AC Conduction, Eddy Current & Eddy Axial Field Solvers	ANSYS PExprt Circuit, Electrostatic, Motor & Magnetostatic Solvers	ANSYS Simplorer Advanced	ANSYS Simplorer VHDL-AMS	ANSYS Simplorer CoDesign Interface for MATLAB & Simulink	ANSYS Simplorer CoDesign Interface for Mentor Graphics ModelSim	ANSYS Simplorer C Programming Interface	ANSYS RedHawk NX	ANSYS RedHawk SD	ANSYS PowerArtist XP	ANSYS PowerArtist PT	SCADE System, Suite, Display and LifeCycle
ACADEMIC STRUCTURAL & FLUIDS PRODUCTS																																																				
ACADEMIC ASSOCIATE																																																				
ANSYS Academic Associate Mechanical and CFD																																																				
ANSYS Academic Associate CFD																																																				
ANSYS Academic Associate Chemical Kinetics																																																				
ANSYS Academic Associate HPC (Including HPC Workgroup)																																																				
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ANSYS Academic Research Autodyn (legacy)																																																				
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ANSYS Academic Research HPC (Including HPC Workgroup)																																																				
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ANSYS Academic EKM Shared																																																				
ANSYS Academic CFD Turbo Tools (legacy)																																																				
ANSYS Academic Fuel Cell Tools (legacy)																																																				
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ANSYS Academic SpaceClaim Tools (legacy)																																																				
ANSYS Academic FENSAP Tools (legacy)																																																				
ACADEMIC ELECTRONICS & SYSTEMS PRODUCTS																																																				
ACADEMIC ASSOCIATE																																																				
ANSYS Academic Associate Electronics Suite	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•		
ANSYS Academic Associate HF	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																				
ANSYS Academic Associate EM									•	•	•																						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
ANSYS Academic Associate Electronics HPC (Including HPC Workgroup)																																																				
ANSYS Academic Associate Redhawk																																																•				
ANSYS Academic Associate Powerartist																																																		•		
ACADEMIC RESEARCH																																																				
ANSYS Academic Research Electronics Suite	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
ANSYS Academic Research HF	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																				
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ANSYS Academic Research Electronics HPC (Including HPC Workgroup)																																																				
ANSYS Academic Research Redhawk																																																•				
ANSYS Academic Research Powerartist																																																		•		
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 (all versions)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

Solver Numerical Limits

Product	Unlimited!	Numerical problem size limits	32K nodes/element - Structural, Thermal & AUTODYN	100K nodes/element - AIM Structural & Thermal	256K nodes/element - Structural, Thermal & AUTODYN	50K nodes/element - AIM Low Frequency Electromagnetics	64K nodes/element - Low Frequency Electromagnetics	512K nodes/element - Low Frequency Electromagnetics	512K nodes/element - High Frequency (Full Wave) Electromagnetics	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	512K nodes/element - Fluid Dynamics (CFX & FLUENT)	1024K nodes/element - AIM Fluid Dynamics
ACADEMIC STRUCTURAL & FLUIDS PRODUCTS												
ACADEMIC ASSOCIATE												
ANSYS Academic Associate Mechanical and CFD	•											
ANSYS Academic Associate CFD	•											
ANSYS Academic Associate Chemical Kinetics	•											
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 Chemical Kinetics	•											
ANSYS Academic Research Polyflow (legacy)	•											
ANSYS Academic Research Autodyn (legacy)	•											
ANSYS Academic Research Electronics Thermal (legacy)	•											
ANSYS Academic Research Offshore/Marine (legacy)	•											
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 Introductory (legacy)		•	•				•		•		•	
ANSYS Academic Teaching Mechanical		•			•							
ANSYS Academic Teaching CFD		•									•	
ANSYS Academic Teaching Chemical Kinetics	•											
ACADEMIC STUDENT												
ANSYS AIM Student		•		•		•						•
ANSYS Academic Student		•	•				•		•		•	
ANSYS Discovery Student Tech. Preview	•											
ACADEMIC TOOLBOX												
ANSYS Academic Preprocessing Tools (renamed from Meshing Tools)	•											
ANSYS Academic EnSight Post Processing Tools	•											
ANSYS Academic EKM Shared	•											
ANSYS Academic CFD Turbo Tools (legacy)	•											
ANSYS Academic Fuel Cell Tools (legacy)	•											
ANSYS Academic Composite Tools (legacy)												
ANSYS Academic SpaceClaim Tools (legacy)												
ANSYS Academic FENSAP Tools (legacy)												
ACADEMIC ELECTRONICS & SYSTEMS PRODUCTS												
ACADEMIC ASSOCIATE												
ANSYS Academic Associate Electronics Suite	•											
ANSYS Academic Associate HF	•											
ANSYS Academic Associate EM	•											
ANSYS Academic Associate Electronics HPC (Including HPC Workgroup)	•											
ANSYS Academic Associate Redhawk	•											
ANSYS Academic Associate Powerartist	•											
ACADEMIC RESEARCH												
ANSYS Academic Research Electronics Suite	•											
ANSYS Academic Research HF	•											
ANSYS Academic Research EM	•											
ANSYS Academic Research Electronics HPC (Including HPC Workgroup)	•											
ANSYS Academic Research Redhawk	•											
ANSYS Academic Research Powerartist	•											
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 (all versions)	•	•			•			•		•	•	

MCAD Geometry Interfaces

Product	Neural File Import (IGES, STEP)	Import most common MCAD formats via SpaceClaim	ANSYS Geometry Interface for Parasolid	ANSYS Geometry Interface for SAT	ANSYS Geometry Interface for Solidworks	ANSYS Geometry Interface for CATIA V5 Reader	ANSYS Geometry Interface for CATIA V6 Reader	ANSYS Geometry Interface for SolidEdge	ANSYS Geometry Interface for Autodesk	ANSYS Geometry Interface for NX	ANSYS Geometry Interface for Creo Parametric	ANSYS Geometry Interface for Creo Elements/Direct Modeling (One Space Designer)	ANSYS Geometry Interface for JT	*ANSYS Direct CAD interface for SDRC I-DEAS (Legacy - Use with ICEM CFD only)*
ACADEMIC STRUCTURAL & FLUIDS PRODUCTS														
ACADEMIC ASSOCIATE														
ANSYS Academic Associate Mechanical and CFD	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Associate CFD	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Associate Chemical Kinetics														
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 Chemical Kinetics														
ANSYS Academic Research Polyflow (legacy)	•		•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Research Autodyn (legacy)	•		•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Research Electronics Thermal (legacy)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Research Offshore/Marine (legacy)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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 Introductory (legacy)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Teaching Mechanical	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Teaching CFD	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Teaching Chemical Kinetics														
ACADEMIC STUDENT														
ANSYS AIM Student	•	•												
ANSYS Academic Student	•	•												
ANSYS Discovery Student Tech. Preview	•	•												
ACADEMIC TOOLBOX														
ANSYS Academic Preprocessing Tools (renamed from Meshing Tools)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic EnSight Post Processing Tools														
ANSYS Academic EKM Shared														
ANSYS Academic CFD Turbo Tools (legacy)														
ANSYS Academic Fuel Cell Tools (legacy)														
ANSYS Academic Composite Tools (legacy)														
ANSYS Academic SpaceClaim Tools (legacy)														
ANSYS Academic FENSAP Tools (legacy)														
ACADEMIC ELECTRONICS & SYSTEMS PRODUCTS														
ACADEMIC ASSOCIATE														
ANSYS Academic Associate Electronics Suite														
ANSYS Academic Associate HF														
ANSYS Academic Associate EM														
ANSYS Academic Associate Electronics HPC (Including HPC Workgroup)														
ANSYS Academic Associate Redhawk														
ANSYS Academic Associate Powerartist														
ACADEMIC RESEARCH														
ANSYS Academic Research Electronics Suite														
ANSYS Academic Research HF														
ANSYS Academic Research EM														
ANSYS Academic Research Electronics HPC (Including HPC Workgroup)														
ANSYS Academic Research Redhawk														
ANSYS Academic Research Powerartist														
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 (all versions)	•	•	•	•	•	•	•	•	•	•	•	•	•	•

EDA Interfaces

Product	Import Ansoft Neutral Files from Ansoft Products	Import from 3rd party EDA exported data	ANSYS Alinks for MCAD (IGES, STEP, Pro/E)	ANSYS Alinks for Parasolid	ANSYS Alinks for CATIA V4 & V5	ANSYS Alinks for NX	ANSYS Alinks for Solidworks	ANSYS Alinks for AutoDesk Inventor	ANSYS Alinks for Cadence Allegro	ANSYS Alinks for Cadence APD	ANSYS Alinks for Mentor Boardstation	ANSYS Alinks for Mentor Expedition	ANSYS Alinks for Synopsis Encore	ANSYS Alinks for PowerPCB	ANSYS Alinks for Virtuoso	ANSYS Alinks for Zuken	ANSYS Alinks for ODB++	ANSYS Alinks for GEM Design Technologies	ANSYS Alinks for First	ANSYS Alinks for CADVANCE	ANSYS Alinks for CDS
ACADEMIC STRUCTURAL & FLUIDS PRODUCTS																					
ACADEMIC ASSOCIATE																					
ANSYS Academic Associate Mechanical and CFD																					
ANSYS Academic Associate CFD																					
ANSYS Academic Associate Chemical Kinetics																					
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 Chemical Kinetics																					
ANSYS Academic Research Polyflow (legacy)																					
ANSYS Academic Research Autodyn (legacy)																					
ANSYS Academic Research Electronics Thermal (legacy)																					
ANSYS Academic Research Offshore/Marine (legacy)																					
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 Introductory (legacy)																					
ANSYS Academic Teaching Mechanical																					
ANSYS Academic Teaching CFD																					
ANSYS Academic Teaching Chemical Kinetics																					
ACADEMIC STUDENT																					
ANSYS AIM Student																					
ANSYS Academic Student																					
ANSYS Discovery Student Tech. Preview																					
ACADEMIC TOOLBOX																					
ANSYS Academic Preprocessing Tools (renamed from Meshing Tools)																					
ANSYS Academic EnSight Post Processing Tools																					
ANSYS Academic EKM Shared																					
ANSYS Academic CFD Turbo Tools (legacy)																					
ANSYS Academic Fuel Cell Tools (legacy)																					
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ANSYS Academic SpaceClaim Tools (legacy)																					
ANSYS Academic FENSAP Tools (legacy)																					
ACADEMIC ELECTRONICS & SYSTEMS PRODUCTS																					
ACADEMIC ASSOCIATE																					
ANSYS Academic Associate Electronics Suite	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Associate HF	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Associate EM	•	•	•	•	•	•	•	•													
ANSYS Academic Associate Electronics HPC (Including HPC Workgroup)																					
ANSYS Academic Associate Redhawk																					
ANSYS Academic Associate Powerartist																					
ACADEMIC RESEARCH																					
ANSYS Academic Research Electronics Suite	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Research HF	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ANSYS Academic Research EM	•	•	•	•	•	•	•	•													
ANSYS Academic Research Electronics HPC (Including HPC Workgroup)																					
ANSYS Academic Research Redhawk																					
ANSYS Academic Research Powerartist																					
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 (all versions)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Pre & Post Processing Features & Workbench Applications

Product	ANSYS PrepPost (Includes ANSYS M-APDL Prep7, Post1)	Workbench Schematic (Project Page)	ANSYS DesignModeler	ANSYS Spaceclaim Direct Modeler	ANSYS Spaceclaim Faceted Data Toolkit	ANSYS Customization Suite (ACT)	ANSYS Workbench Meshing (Includes Extended Meshing)	ANSYS Workbench System Coupling (FSI with ONE license)	ANSYS Workbench Acoustics	ANSYS Workbench Topolgical Optimization	ANSYS DesignXplorer	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Workbench Resources (Engineering Data)	ANSYS Workbench Design Point Updates	ANSYS Composite PrepPost	ANSYS CFX-Pre	ANSYS CFD-Post	ANSYS Autodyn PrepPost	ANSYS Fluent Prep & Post	Polydata	ANSYS ICEM CFD Meshing	ANSYS ICEM output interfaces for ANSYS, CFX, FLUENT	ANSYS ICEM output interfaces for 3rd party solvers	ANSYS LS-DYNA PrePost & Drop Test Module	Parametric Variational Technology (VT) at the element level	ANSYS Fatigue Module	ANSYS FEModeler	FEModeler - Mesh Morpher	ANSYS TurboGrid	ANSYS Blademodeler (Bladegen, BladeEditor & VISTA CPD, CCD, AFD & RTD)	ANSYS LS-DYNA Export *.K file	ANSYS EnSight Standard
ACADEMIC STRUCTURAL & FLUIDS PRODUCTS																																
ACADEMIC ASSOCIATE																																
ANSYS Academic Associate Mechanical and CFD	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•		
ANSYS Academic Associate CFD		•	•	•	•	•	•	•			•		•	•		•	•		•	•	•	•			•		•	•	•	•		
ANSYS Academic Associate Chemical Kinetics																																
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 Chemical Kinetics																																
ANSYS Academic Research Polyflow (legacy)		•	•				•				•		•	•			•			•					•		•	•				
ANSYS Academic Research Autodyn (legacy)	•	•	•				•				•	•	•	•				•			•	•			•		•					
ANSYS Academic Research Electronics Thermal (legacy)		•	•										•	•			•															
ANSYS Academic Research Offshore/Marine (legacy)	•	•	•				•				•	•	•	•							•				•							
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 Introductory (legacy)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•		
ANSYS Academic Teaching Mechanical	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•			•	•			•	•	•	•				
ANSYS Academic Teaching CFD		•	•	•	•	•	•	•			•		•	•		•	•		•	•	•	•			•		•	•	•	•		
ANSYS Academic Teaching Chemical Kinetics																																
ACADEMIC STUDENT																																
ANSYS AIM Student				•	•																											
ANSYS Academic Student	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•	•	•	•	•		
ANSYS Discovery Student Tech. Preview				•																												
ACADEMIC TOOLBOX																																
ANSYS Academic Preprocessing Tools (renamed from Meshing Tools)		•	•			•	•						•	•							•	•	•									
ANSYS Academic EnSight Post Processing Tools																																•
ANSYS Academic EKM Shared																																
ANSYS Academic CFD Turbo Tools (legacy)																													•	•		
ANSYS Academic Fuel Cell Tools (legacy)																																
ANSYS Academic Composite Tools (legacy)															•																	
ANSYS Academic SpaceClaim Tools (legacy)				•	•																											
ANSYS Academic FENSAP Tools (legacy)																																
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ANSYS Academic Teaching SCADE																																
ACADEMIC MULTIPHYSICS CAMPUS SOLUTION PRODUCTS																																
ANSYS Academic Multiphysics Campus Solution (all versions)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•		

Performance Computing

Product	Built-in HPC (16 cores per task)	Ability to extend built-in HPC (at extra cost)	Mechanical & Fluids HPC - Shared Memory, Distributed Memory, Domain Decomposition	Electronics HPC - Distributed Memory, Domain Decomposition, Frequency Sweep)	General Purpose GPU Support (ANSYS Mechanical & ANSYS Fluent solvers)	FENSAP-ICE and FENSAP-ICE-TURBO Specific HPC	CHEMKIN-Pro and FORTE Specific HPC	ANSYS Remote Solver Manager (RSM)	*VT Accelerator & Frequency Sweep VT (Legacy- Replaced by Design Point Updates)*	Optimetrics - Parametric Design Optimization for HFSS, Maxwell, etc.	Distrubted Solver Option (DSO) - For distributing an optimization solution
ACADEMIC STRUCTURAL & FLUIDS PRODUCTS											
ACADEMIC ASSOCIATE											
ANSYS Academic Associate Mechanical and CFD	•	•	•		•			•	•		
ANSYS Academic Associate CFD	•	•	•		•			•			
ANSYS Academic Associate Chemical Kinetics	•	•					•				
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 Chemical Kinetics	•	•					•				
ANSYS Academic Research Polyflow (legacy)	•	•	•								
ANSYS Academic Research Autodyn (legacy)	•	•	•								
ANSYS Academic Research Electronics Thermal (legacy)	•	•	•								
ANSYS Academic Research Offshore/Marine (legacy)											
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 Introductory (legacy)	•		•		•			•	•		
ANSYS Academic Teaching Mechanical	•		•		•			•	•		
ANSYS Academic Teaching CFD	•		•		•			•			
ANSYS Academic Teaching Chemical Kinetics	•						•				
ACADEMIC STUDENT											
ANSYS AIM Student											
ANSYS Academic Student	•		•		•				•		
ANSYS Discovery Student Tech. Preview											
ACADEMIC TOOLBOX											
ANSYS Academic Preprocessing Tools (renamed from Meshing Tools)											
ANSYS Academic EnSight Post Processing Tools											
ANSYS Academic EKM Shared											
ANSYS Academic CFD Turbo Tools (legacy)											
ANSYS Academic Fuel Cell Tools (legacy)											
ANSYS Academic Composite Tools (legacy)											
ANSYS Academic SpaceClaim Tools (legacy)											
ANSYS Academic FENSAP Tools (legacy)											
ACADEMIC ELECTRONICS & SYSTEMS PRODUCTS											
ACADEMIC ASSOCIATE											
ANSYS Academic Associate Electronics Suite	•	•		•						•	•
ANSYS Academic Associate HF	•	•		•						•	•
ANSYS Academic Associate EM	•	•		•						•	•
ANSYS Academic Associate Electronics HPC (Including HPC Workgroup)				•							
ANSYS Academic Associate Redhawk											
ANSYS Academic Associate Powerartist											
ACADEMIC RESEARCH											
ANSYS Academic Research Electronics Suite	•	•		•						•	•
ANSYS Academic Research HF	•	•		•						•	•
ANSYS Academic Research EM	•	•		•						•	•
ANSYS Academic Research Electronics HPC (Including HPC Workgroup)		•		•							
ANSYS Academic Research Redhawk											
ANSYS Academic Research Powerartist											
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 (all versions)	•	•	•	•	•			•	•	•	•

Other

Product	ANSYS EKM Individual	ANSYS EKM Shared	Academic screen logo	License borrowing (optional, turned OFF in the license file by default)	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 STRUCTURAL & FLUIDS PRODUCTS							
ACADEMIC ASSOCIATE							
ANSYS Academic Associate Mechanical and CFD	•					•	
ANSYS Academic Associate CFD	•					•	
ANSYS Academic Associate Chemical Kinetics						•	
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 Chemical Kinetics						•	
ANSYS Academic Research Polyflow (legacy)	•		•			•	
ANSYS Academic Research Autodyn (legacy)	•		•			•	
ANSYS Academic Research Electronics Thermal (legacy)	•		•			•	
ANSYS Academic Research Offshore/Marine (legacy)	•		•			•	
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 Introductory (legacy)	•		•	•		•	
ANSYS Academic Teaching Mechanical	•		•	•		•	
ANSYS Academic Teaching CFD	•		•	•		•	
ANSYS Academic Teaching Chemical Kinetics						•	
ACADEMIC STUDENT							
ANSYS AIM Student					•		
ANSYS Academic Student	•		•		•		
ANSYS Discovery Student Tech. Preview					•		
ACADEMIC TOOLBOX							
ANSYS Academic Preprocessing Tools (renamed from Meshing Tools)			•			•	
ANSYS Academic EnSight Post Processing Tools							
ANSYS Academic EKM Shared		•					
ANSYS Academic CFD Turbo Tools (legacy)			•			•	
ANSYS Academic Fuel Cell Tools (legacy)			•			•	
ANSYS Academic Composite Tools (legacy)							
ANSYS Academic SpaceClaim Tools (legacy)							
ANSYS Academic FENSAP Tools (legacy)							
ACADEMIC ELECTRONICS & SYSTEMS PRODUCTS							
ACADEMIC ASSOCIATE							
ANSYS Academic Associate Electronics Suite						•	
ANSYS Academic Associate HF						•	
ANSYS Academic Associate EM						•	
ANSYS Academic Associate Electronics HPC (Including HPC Workgroup)						•	
ANSYS Academic Associate Redhawk						•	
ANSYS Academic Associate Powerartist						•	
ACADEMIC RESEARCH							
ANSYS Academic Research Electronics Suite						•	
ANSYS Academic Research HF						•	
ANSYS Academic Research EM						•	
ANSYS Academic Research Electronics HPC (Including HPC Workgroup)						•	
ANSYS Academic Research Redhawk						•	
ANSYS Academic Research Powerartist						•	
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 (all versions)	•		•				•

NOTES:

1. Multiple Features: These academic products are defined by multiple license features bundled together into a single license key. The individual academic products have in the range of 25 - 50 license features each, the campus solution bundles have approximately 250 license features.
Thus it is not practical to show the license features in this table. Please contacts your ANSYS Academic sales person or ANSYS Academic product technical support if you require these details.

2. Product names in *gray itallic* marked legacy are no longer available for sale, but are shown for completeness. In most cases the capabilities of these legacy products have simply been absorbed into other academic products.
Some product capabilities (columns) are also in *grey itallic* and marked legacy, such capabilities are still available for the products indicated, but have either been superseded by more modern/alternate methods within the same or different academic products.

3. This table is not intended to provide an exhaustive list of all of the product features and capabilities. Although this is already a complex table, this is actually a fairly high level summary providng the main features.
However it is important to note that each Academic Product component, such as ANSYS Mechanical, has thousands of features within.
For more specifc details the reader is directed towards the specifc component commercial product data sheets on www.ansys.com, and for even more detail the product documentation available within the ANSYS Customer Portal.