Release 13.0 01/19/11

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	License Feature Name(s)	Solver Capability																						
		ANSYS DesignSpace (separare task)	ANSYS DesignSpace capability	ANSYS Mechanical capability	ANSYS Mechanical Emag capability	ANSYS Mechanical CFD Flo capability (Fluid Structural)	ANSYS Multiphysics capability (includes LF Emag, HF Emag &	ANSYS CFX Full Capability Solver	ANSYS MFS Solver (Single code coupling)	ANSYS MFX Solver (Fluid Structural Interaction)	ANSYS User Prog. Features (USER300 etc)	ANSYS FLUENT	ANSYS FLUENT NOx	ANSYS FLUENT Fiber Module	ANSYS FLUENT MHD Module	ANSYS FLUENT Population Balance Module	ANSYS FLUENT Fuel Cell Module	ANSYS POLYFLOW (Full Capability)	ANSYS AUTODYN (2D & 3D)	ANSYS Explicit STR (AUTODYN Lagrange)	ANSYS LS-DYNA	ANSYS Icepak	ANSYS ASAS (All modules except Concrete & Panel)	ANSYS AQWA (All modules)
ACADEMIC ASSOCIATE																								
ANSYS Academic Associate	aa_a, aa_mcad		•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•				
ANSYS Academic Associate CFD	aa_a_cfd, aa_mcad							•				•	•	•	•	•								
ANSYS Academic Associate HPC	aa_a_hpc			•	•	•	•	•	•	•		•	•	•	•	•			•	•		•		
ACADEMIC RESEARCH																								
ANSYS Academic Research	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 POLYFLOW	aa_r_pf, aa_mcad																	•						
ANSYS Academic Research AUTODYN	aa_r_ad, aa_mcad																		•	•				
ANSYS Academic Research Electronics Thermal	aa_r_et, aa_mcad																					•		
ANSYS Academic Research Offshore/Marine	aa_r_om, aa_mcad, aa_r_aql																						•	•
ANSYS Academic Research HPC	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 Advanced	aa_t_a, aa_mcad, aa_ds	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•				
ANSYS Academic Teaching Introductory	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							•				•	•	•	•	•								
ACADEMIC TOOLBOX																								
ANSYS Academic Meshing Tools	aa_mesh, aa_mcad																							
ANSYS Academic CFD Turbo Tools	aa_turbo																							
ANSYS Academic Fuel Cell Tools	aa_fcell																•							

	Pre & Post Processing Features & Workbench Applications																										
	CFX-Pre	CFD-Post	AUTODYN PrepPost	FLUENT Prep & Post	POLYDATA	ICEM CFD Meshing	ICEM output interfaces for ANSYS, CFX, FLUENT	ICEM output interfaces for other (3rd party) solvers	TurboGrid	ANSYS PrepPost (Includes Prep7, Post1)	ANSYS LS-DYNA PrePost & Drop Test Module	Geometry Connections	Workbench Schematic (Project Page)	ANSYS DesignModeler	Resources (Engineering Data)	ANSYS Meshing Application (WB)	ANSYS Meshing Application (WB) - CFX-Mesh	ANSYS Extended Meshing (Including TGrid).	Mechanical PrepPost (Simulation)	Parameters (DX, including DXVT & VT at the element level)	ANSYS Fatigue Module	FEModeler	FEModeler - Mesh Morpher	Rigid Dynamics	Blademodeler (Bladegen & BladeEditor)	LS-DYNA Export *.K file	Remote Solver Manager
ACADEMIC ASSOCIATE																											
ANSYS Academic Associate	•	•	•	•		•	•			•		•	•	•	•	•	•	•	•	•	•	•	•	•			•
ANSYS Academic Associate CFD	•	•		•		•	•					•	•	•	•	•	•	•		•		•	•				
ANSYS Academic Associate HPC																											
ACADEMIC RESEARCH																											
ANSYS Academic Research	•	•	•	•		•	•			•		•	•	•	•	•	•	•	•	•	•	•	•	•			•
ANSYS Academic Research Mechanical			•			•	•			•		•	•	•	•	•		•	•	•	•	•	•	•			•
ANSYS Academic Research CFD	•	•		•		•	•					•	•	•	•	•	•	•		•		•	•				
ANSYS Academic Research POLYFLOW		•			•							•	•	•	•	•	•	•		•		•	•				
ANSYS Academic Research AUTODYN			•			•	•			•		•	•	•	•	•		•	•	•		•					
ANSYS Academic Research Electronics Thermal		•										•	•	•	•												
ANSYS Academic Research Offshore/Marine						•				•		•	•	•	•	•		•	•	•							
ANSYS Academic Research HPC																											
ANSYS Academic Research LS-DYNA											•	•	•	•	•	•			•			•	•			•	
ANSYS Academic Research LS-DYNA HPC																											
ACADEMIC TEACHING																											
ANSYS Academic Teaching Advanced	•	•	•	•		•	•			•		•	•	•	•	•	•	•	•	•	•	•	•	•			•
ANSYS Academic Teaching Introductory	•	•	•	•		•	•			•		•	•	•	•	•	•	•	•	•	•	•	•	•			•
ANSYS Academic Teaching Mechanical			•			•	•			•		•	•	•	•	•		•	•	•	•	•	•	•			•
ANSYS Academic Teaching CFD	•	•		•		•	•					•	•	•	•	•	•	•		•		•	•				
ACADEMIC TOOLBOX																											
ANSYS Academic Meshing Tools						•	•	•				•	•	•	•	•	•	•									
ANSYS Academic CFD Turbo Tools									•																•		
ANSYS Academic Fuel Cell Tools																											

	HPC							Numerical Limits							
	Built in 4 Parallel procesors/cores	HPC > 4 processors available (at extra cost)	General Purpose GPU for ANSYS Mechanical solver	VT for Solvers (VT Accelerator & Frequency Sweep VT)	EKM Desktop	Academic screen logo	License borrowing (optional, turned OFF in the license file by default)	Numerical problem size limits	32K nodes/element - Structural, Thermal & AUTODYN	256K nodes/element - Structural, Thermal & AUTODYN	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)
ACADEMIC ASSOCIATE															
ANSYS Academic Associate	•	•	•	•	•										
ANSYS Academic Associate CFD	•	•			•										
ANSYS Academic Associate HPC				•											
ACADEMIC RESEARCH															
ANSYS Academic Research	•	•	•	•	•	•									
ANSYS Academic Research Mechanical	•	•	•	•	•	•									
ANSYS Academic Research CFD	•	•			•	•									
ANSYS Academic Research POLYFLOW	•	•			•	•									
ANSYS Academic Research AUTODYN	•	•			•	•									
ANSYS Academic Research Electronics Thermal	•	•			•	•									
ANSYS Academic Research Offshore/Marine					•	•									
ANSYS Academic Research HPC				•		•									
ANSYS Academic Research LS-DYNA		•			•	•									
ANSYS Academic Research LS-DYNA HPC						•									
ACADEMIC TEACHING															
ANSYS Academic Teaching Advanced	•		•	•	•	•	•	•		•		•		•	•
ANSYS Academic Teaching Introductory	•		•	•	•	•	•	•	•		•		•		•
ANSYS Academic Teaching Mechanical	•		•	•	•	•	•	•		•					
ANSYS Academic Teaching CFD	•				•	•	•	•							•
ACADEMIC TOOLBOX															
ANSYS Academic Meshing Tools						•									
ANSYS Academic CFD Turbo Tools						•									
ANSYS Academic Fuel Cell Tools						•									