

✓	ANSYS DesignSpace (separate task)	Structural & Fluids Solver Capability
✓	ANSYS DesignSpace	
✓	ANSYS Mechanical	
✓	ANSYS Rigid Dynamics (Rigid Body Dynamics)	
✓	<i>ANSYS Emag (legacy, replaced by ANSYS Maxwell)</i>	
✓	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	
✓	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	
	<i>ANSYS Asas - All modules except Concrete & Panel (Legacy, replaced by ANSYS</i>	
	ANSYS Aqwa (All modules)	
✓	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)	
✓	Neural File Import (IGES, STEP)	MCAD Geometry Interfaces
✓	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	
✓	ANSYS Geometry Interface for JT	
✓	ANSYS Direct CAD interface for SDRC I-DEAS (use with ICEM CFD only)	
✓	ANSYS PrepPost (Includes ANSYS M-APDL Prep7, Post1)	Pre & Post Processing Features & Workbench Applications
✓	Workbench Schematic (Project Page)	
✓	ANSYS DesignModeler	
✓	ANSYS Workbench Meshing	
✓	ANSYS Workbench Extended Meshing (Including TGrid).	
✓	ANSYS DesignXplorer	
✓	ANSYS Workbench Mechanical Application (Simulation)	
✓	ANSYS Workbench Resources (Engineering Data)	
✓	ANSYS Workbench Design Point Updates	
✓	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)	
	ANSYS LS-DYNA Export *.K file	

✓	Built-in HPC (4 core)	Performance Computing
	Ability to extend built-in HPC (at extra cost)	
✓	Mechanical & Fluids HPC - Shared Memory, Distributed Memory, Domain	
	Electronics HPC - Distributed Memory, Domain Decomposition, Frequency Sweep)	
✓	General Purpose GPU Support (ANSYS Mechanical & ANSYS Fluent solvers)	
✓	ANSYS Remote Solver Manager (RSM)	
✓	<i>VT Accelerator & Frequency Sweep VT (Legacy- Replaced by Design Point Updates)</i>	
	Optimetrics - Parajnetic Design Optimization for HFSS, Maxwell, etc.	
	Distributed Solver Option (DSO) - For distributing an optimization solution	Other
✓	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)	