

Table version: Release 17.0 Version Date: 4/20/16
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License Feature Name(s)	License Managers	Structural & Fluids Solver Capability	Electronics & Systems Solver Capability	Solver Numerical Limits	MCAD Geometry Interfaces	EDA Interfaces	Pre & Post Processing Features & Workbench Applications	Performance Computing	Other
ANSYS License Manager (ansylmnd)	ANSYS License Manager (ansylmnd)	ANSYS DesignSpace (separate task)	ANSYS HFSS Frequency Domain Solver	Numerical problem size limits	ANSYS Geometry Interface for Praisold	ANSYS Geometry Interface for SAT	ANSYS PrepPost (includes ANSYS M-APDL Prep7, Post1)	ANSYS Icem CFD Meshing	ANSYS EKM Individual
ANSYS Academic Associate CFD	Apache License Manager (apacheda)	ANSYS Mechanical	ANSYS HFSS Time Transient Solver	32K nodes/element - Structural, Thermal & AUTODYN	ANSYS Geometry Interface for Solidworks	ANSYS Geometry Interface for Solidworks	ANSYS Spaceclaim Direct Modeler	ANSYS Icem output interfaces for ANSYS, CFX, FLUENT	ANSYS EKM Shared
ANSYS Academic Associate Chemical Kinetics	Reaction Design License Manager	ANSYS Fluent Dynamics (Rigid Body Dynamics)	ANSYS HFSS Integral Equation Solver	256K nodes/element - Structural, Thermal & AUTODYN	ANSYS Geometry Interface for CATIA V5 Reader	ANSYS Geometry Interface for CATIA V5 Reader	ANSYS Customization Suite (ACT)	ANSYS Icem output interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Research Mechanical and CFD	Edatent License Manager (edatentd)	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Hybrid Solver	64K nodes/element - Low Frequency Electromagnetics	ANSYS Geometry Interface for CATIA V6 Reader	ANSYS Geometry Interface for SolidEdge	ANSYS Workbench Meshing (includes Extended Meshing)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS BladeEditor
ANSYS Academic Research CFD	ANSYS AM Pro	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Physical Optics Solver	512K nodes/element - Low Frequency Electromagnetics	ANSYS Geometry Interface for SolidEdge	ANSYS Geometry Interface for NX	ANSYS DesignXplorer	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Research Chemical Kinetics	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Research Polyflow (legacy)	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Research Autodyn (legacy)	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Research Electronics Thermal (legacy)	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Research Electronics Thermal (legacy)	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Research HPC (Including HPC Workgroup)	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Research LS-DYNA	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Research LS-DYNA HPC	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Teaching Mechanical and CFD	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Teaching Mechanical	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Teaching CFD	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Teaching Chemical Kinetics	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Student (Available in USA only)	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Meshing Tools	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Fuel Cell Tools	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic EKM Shared	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic Composite Tools (legacy in Q2 2016)	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic SpaceClaim Tools	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid
ANSYS Academic FENSAP Tools	ANSYS DesignSpace	ANSYS Fluent Meshing (includes LF Emag, HF Emag & FLOTTRAN)	ANSYS HFSS Fullwave Space Export	1024K nodes/element - High Frequency (Full Wave) Electromagnetics	ANSYS Geometry Interface for Autodesk Inventor	ANSYS Geometry Interface for NX	ANSYS Workbench Mechanical Application (Simulation)	ANSYS Icem input interfaces for 3rd party solvers	ANSYS TurboGrid

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								

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, pl, 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 Electronics Thermal (legacy)	aa r, em, aa mcad, aa r, ad								
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 r, 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 (Available in USA only)

ANSYS Academic Student	aa t, i								
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ACADEMIC TOOLBOX

ANSYS Academic Meshing Tools	aa mesh, aa mcad								
ANSYS Academic CFD Turbo Tools (legacy)	aa turbo								
ANSYS Academic Fuel Cell Tools	aa fuel								
ANSYS Academic EKM Shared	ekm_desktop								
ANSYS Academic Composite Tools (legacy in Q2 2016)	acprepost								
ANSYS Academic SpaceClaim Tools	a_spaceclaim_dirmod								
ANSYS Academic FENSAP Tools	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								
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NOTES:

- 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 contact your ANSYS Academic sales person or ANSYS Academic product technical support if you require these details.
- Product names in *gray italic* 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 *gray italic* 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.
- 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 providing 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 specific details the reader is directed towards the specific component commercial product data sheets on www.ansys.com, and for even more detail the product documentation available within the ANSYS Customer Portal.