

ANSYS RF & Electromagnetic Academic Product Features
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Application	Number of users per 1 task license	Number of users per 5 task license	Number of users per 25 task license	Number of users per 50 task license	Solver / Feature Description	ANSYS Academic HF	ANSYS Academic EM	ANSYS Academic HF HPC
HFSS	1	5	25	50	HFSS desktop environment & GUI	•		
					HFSS Frequency Domain Solver	•		
					Fullwave Spice export	•		
					HFSS Time Transient Solver	•		
					HFSS Integral Equation Solver	•		
Q3D Extractor	1	2	5	10	Q3D desktop environment	•		
					Q3D 2D & 3D solver	•		
Designer (RF & SI)	1	5	25	50	Designer Desktop Environment	•		
					Planar EM 2.5D solver	•		
					Planar EM 3D solver	•		
					NEXXIM solver	•		
					Schematic design entry	•		
					Circuit integration with Cadence	•		
					Netlist design entry	•		
					Nonlinear System Solver	•		
					Discrete Time Domain System Engine Solver	•		
					Frequency Domain System Engine Solver	•		
					Symphony Basic System Engine Solver	•		
SIwave	1	2	5	10	SIWave GUI	•		
					SIWave reporter	•		
					SIWave solver	•		
Optimetrics	1	5	25	50	Optimetrics	•	•	
AnsoftLinks for ECAD translators	1	5	25	50	AnsoftLinks Cadence Allegro integration	•		
					Import Ansoft Neutral Files from Ansoft Products	•		
					AnsoftLinks Cadence APD integration	•		
					AnsoftLinks Mentor Boardstation Integration	•		
					AnsoftLinks Synopsis Encore Integration	•		
					AnsoftLinks Mentor Expedition Integration	•		
					Import from 3rd Party exported data	•		
					AnsoftLinks PowerPCB integration	•		
					AnsoftLinks Virtuoso integration	•		
					AnsoftLinks Zuken integration	•		
					AnsoftLinks ODB++ integration	•		
					AnsoftLinks for GEM Design Technologies	•		
					AnsoftLinks for First	•		
					AnsoftLinks for CADVANCE	•		
					AnsoftLinks for CDS	•		
AnsoftLinks GUI	•							
AnsoftLinks for MCAD translators	1	5	25	50	CATIA V4 import	•	•	
					IGES import	•	•	
					Pro/E Import	•	•	
					STEP Import	•	•	
					Parasolid Import	•	•	
					CATIA V5 import	•	•	
					Unigraphics UG/NX import	•	•	
					Ensemble Multiprocessor	•		
Built in HPC (4 core)	1	5	25	50	HFSS Multiprocessor	•		
					SIwave Multiprocessor	•		
					Maxwell 2D Multiprocessor	•	•	
					Maxwell 3D Multiprocessor	•	•	
					HFSS Domain Decomposition Solver	•		•
MAXWELL 2D/3D	1	5	25	50	Maxwell Desktop Environment	•		
					Maxwell 2D solver	•		
					Maxwell 3D solver	•		
					Maxwell 2D quasi-static solver	•		
					Maxwell 3D quasi-static solver	•		
Simplorer Advanced	1	5	25	50	Simplorer Advanced	•		
					Simplorer C Programming Interface	•		
					Simplorer Desktop Environment	•		
					Simplorer Simulator	•		
					Simplorer VHDL-A/MS	•		
					Simplorer interface to MATLAB & Simulink	•		
RMxpert	1	2	5	10	RMxpert Maxwell Interface Desktop	•		
					RMxpert Brush Commutator Machine	•		
					RMxpert Electronic Commutator Machine	•		
					RMxpert GUI	•		
					RMxpert Induction Machine	•		
					RMxpert Synchronous Machine	•		
Pexpert (Excludes transient & Thermal)	1	2	5	10	Maxwell 2D AC Conduction Solver	•		
					Maxwell 2D Eddy Axial Field Solver	•		
					Maxwell 2D Circuit Solver	•		
					Maxwell 2D Conduction Solver	•		
					Maxwell 2D Eddy Current Solver	•		
					Maxwell 2D Electrostatic Solver	•		
					Maxwell 2D GUI	•		
					Maxwell 2D Motor Solver	•		
					Maxwell 2D Magnetostatic Solver	•		
					Maxwell 2D Optimizer	•		
					Maxwell 2D Parametric	•		
					Maxwell 2D Post Processing	•		
					Maxwell 2D Solver	•		
					Maxwell Spice	•		
					PEmag Modeling Tool	•		
PExpert Design Tool	•							
Schematic GUI	•							