

## Multiphysics Kampüs Çözümü

ANSYS Academic Multiphysics Campus Solution lisansı iki tür lisans içermektedir.

- Research (Araştırma)
- Teaching (Eğitim)

Kampüs lisansı satınalma ve kiralama seçenekleri mevcuttur.

Geniş Çözümler içeren lisanslama içerikleri

- Bundles of CDU/PBU/EBU/Apache technology
- Mechanical, Fluent, CFX, Workbench
- Maxwell, HFSS, Simplorer, Designer
- PowerArtist, Redhawk
- ANSYS SpaceClaim DirectModeler

Kullanıcı sayılarına göre gruplara ayrılır.

ANSYS Academic Multiphysics Campus Solution (10/100)

10 Research, 100 Teaching, 64 HPC cores

ANSYS Academic Research Mechanical and CFD lisansın içeriği aşağıdaki gibidir.

1. ANSYS AIM Pro
2. ANSYS DesignSpace
3. ANSYS Mechanical (Enterprise)
4. ANSYS Rigid Dynamics (Rigid Body Dynamics)
5. ANSYS Multiphysics capability (includes LF Emag, HF Emag & FLOTRAN)
6. ANSYS CFX Full Capability Solver ANSYS MFS Solver (Single code coupling)
7. ANSYS MFX Solver (Fluid Structural Interaction)
8. ANSYS Mechanical User Programmable Features (USER300 & related commands)
9. ANSYS Fluent
10. ANSYS Fluent NOx, Fiber, MHD, Population Balance Modules
11. ANSYS Fluent Fuel Cell Module ANSYS Polyflow (Full Capability)
12. ANSYS Autodyn (2D & 3D) includes MM Euler Solver and Langrange Solver (Explicit STR)
13. ANSYS Icepak
14. ANSYS CHEMKIN-Pro, FORTE, Reaction Workbench, Encrypted Non-Member
15. ANSYS FENSAP-ICE, Optigrd and Viewmerical
16. ANSYS Aqwa Suite with Coupled Cable Dynamics

17. Unlimited!
18. Neural File Import (IGES, STEP)
19. ANSYS Geometry Interface for Parasolid
20. ANSYS Geometry Interface for SAT
21. ANSYS Geometry Interface for Solidworks
22. ANSYS Geometry Interface for CATIA V5 Reader
23. ANSYS Geometry Interface for CATIA V6 Reader
24. ANSYS Geometry Interface for SolidEdge
25. ANSYS Geometry Interface for Autodesk
26. ANSYS Geometry Interface for NX
27. ANSYS Geometry Interface for Creo Parametric
28. ANSYS Geometry Interface for Creo Elements/Direct Modeling (One Space Designer)
29. ANSYS Geometry Interface for JT
30. ANSYS PrepPost (Includes ANSYS M-APDL Prep7, Post1) Workbench Schematic (Project Page)
31. ANSYS DesignModeler
32. ANSYS Spaceclaim Direct Modeler
33. ANSYS Customization Suite (ACT)
34. ANSYS Workbench Meshing (Includes Extended Meshing)
35. ANSYS Workbench System Coupling (FSI with ONE license)
36. ANSYS Workbench Acoustics
37. ANSYS Workbench Topological Optimization
38. ANSYS DesignXplorer
39. ANSYS Workbench Mechanical Application (Simulation)
40. ANSYS Workbench Resources (Engineering Data)
41. ANSYS Workbench Design Point Updates
42. ANSYS Composite PrepPost
43. ANSYS CFX-Pre ANSYS CFD-Post
44. ANSYS Autodyn PrepPost
45. ANSYS Fluent Prep & Post Polydata
46. ANSYS ICEM CFD Meshing
47. ANSYS ICEM output interfaces for
48. ANSYS, CFX, FLUENT

49. ANSYS Fatigue Module
50. Parametric Variational Technology (VT) at the element level
51. ANSYS FEModeler FEModeler - Mesh Morpher
52. ANSYS TurboGrid ANSYS Blademodeler (Bladegen, BladeEditor & VISTA CPD, CCD, AFD & RTD)
53. Built-in HPC (16 cores per task)
54. Ability to extend built-in HPC (at extra cost)
55. Mechanical & Fluids HPC - Shared Memory, Distributed Memory, Domain Decomposition
56. ANSYS EKM Individual
57. Floating LAN Licenses (Country Wide standard)ANSYS Academic Research HF lisans içeriği
  1. Ansoft License Manager (ansoftd)
  2. ANSYS HFSS Frequency Domain Solver
  3. ANSYS HFSS Time Transient Solver
  4. ANSYS HFSS Integral Equation Solver
  5. ANSYS HFSS Hybrid Solver
  6. ANSYS HFSS Physical Optics Solver
  7. ANSYS HFSS Fullwave Spice Export
  8. ANSYS SAVANT
  9. ANSYS EMIT
  10. ANSYS Q3D Extractor 3-D solver
  11. ANSYS Q3D RL (AC & DC) & CG modeler ANSYS Q3D Transmission line modeler
  12. ANSYS Designer RF & SI - Integrated Schematic & Layout
  13. ANSYS Designer RF & SI - Linear/DC Analysis
  14. ANSYS Designer RF & SI - Field solver dynamic links
  15. ANSYS Designer RF & SI - Solver on demand
  16. ANSYS Designer RF - Planar EM
  17. ANSYS Designer RF - System Analysis
  18. ANSYS Designer RF - Smith/transmission line
  19. ANSYS Designer RF - Harmonic Balance, Oscillator & Envelope
  20. ANSYS Designer SI - Transient ANSYS Designer SI - QuickEye & VerifEye
  21. ANSYS Designer SI - IBIS-AMI
  22. ANSYS Designer SI - 2D Extractor

23. ANSYS SIwave I2R DC solver
24. ANSYS SIwave Plane Resonance Solver
25. ANSYS SIwave Automated Capacitance decoupling analysis
26. ANSYS SIwave AC Solver (SYZ)
27. ANSYS SIwave Frequency Sweep Solver
28. ANSYS SIwave Near & Far Field Solvers
29. ANSYS SIwave Synopsis HSPICE integration
30. ANSYS SIwave Flight Time Calculator (Signal Net Analyzer)
31. ANSYS SIwave Circuit Analyzer (IBIS, IBIS-AMI, Power Aware IBIS, QE, VE, etc)
32. Unlimited!
33. Built-in HPC (16 cores per task)
34. Ability to extend built-in HPC (at extra cost)
35. Electronics HPC - Distributed Memory, Domain Decomposition, Frequency Sweep)
36. Optimetrics - Parametric Design Optimization for HFSS, Maxwell, etc.
37. Distributed Solver Option (DSO) - For distributing an optimization solution

#### ANSYS Academic Research EM lisans içeriği

1. Ansoft License Manager (ansoftd)
2. T ANSYS Q3D Extractor 3-D solver ANSYS Q3D RL (AC & DC) & CG modeler ANSYS Q3D Transmission line modeler
3. ANSYS Maxwell Transient solvers
4. ANSYS Maxwell AC Electromagnetic Solver
5. ANSYS Maxwell Magnetostatic Solver
6. ANSYS Maxwell Electric Field Solver
7. ANSYS Maxwell Vector Hysteresis Modeling
8. ANSYS Maxwell Dynamic Link with ANSYS Simplorer
9. ANSYS RMxpert Brush & Electronic Commutator Machine
10. ANSYS RMxpert Induction & Synchronous Machine
11. ANSYS PExprt 2D Conduction, AC Conduction, Eddy Current & Eddy Axial Field Solvers
12. ANSYS PExprt Circuit, Electrostatic, Motor & Magnetostatic Solvers
13. ANSYS Simplorer Advanced ANSYS Simplorer VHDL-A/MS
14. ANSYS Simplorer CoDesign Interface for MATLAB & Simulink
15. ANSYS Simplorer CoDesign Interface for Mentor Graphics ModelSim

16. ANSYS Simpler C Programming Interface
17. Unlimited!
18. Import Ansoft Neutral Files from Ansoft Products
19. Import from 3rd party EDA exported data
20. ANSYS Alinks for MCAD (IGES, STEP, Pro/E)
21. ANSYS Alinks for Parasolid
22. ANSYS Alinks for CATIA V4 & V5
23. ANSYS Alinks for NX ANSYS Alinks for Solidworks
24. ANSYS Alinks for AutoDesk Inventor
25. Built-in HPC (16 cores per task)
26. Ability to extend built-in HPC (at extra cost)

#### Yüksek Hesaplamalı Çözümler

ANSYS Academic Research Lisans 16 çekirdek ile çalışmaktadır. Çalışılmak istenen her bir çekirdek için ANSYS Academic Research HPC lisansı eklenmelidir. Kampüs lisanslama seçeneğinde kullanıcı sayısına göre değişen HPC lisansları içermektedir. Bu sayılardan daha fazla kullanılmak istenirse ilave HPC lisansı eklenebilir.