**ANSYS Products Available by Type of License:**

|  |  |  |
| --- | --- | --- |
| License | # of Tasks Available | # of Nodes Allowed for Simulation in this edition |
| **Teaching Mechanical & CFD*** Design Modeler
* Mechanical
* AUTODYN
* Fluent and CFX CFD
* ICEM CFD and ANSYS Meshing Tools
* Electronics Thermal (IcePack)
* Multi-Physics including FSI
* MCAD Geometry Interfaces
 | 250*16 Parallel Processing cores per task* | 256,000 nodes for Mechanical512,000 nodes for Fluids |
| **Teaching HF & EM***High Frequency* –* HFSS
* Q3D Quasi Static
* Designer (both RF and SI)
* SIwave
* Nexxim
* Optimetrics
* Ansoft Links EDA
* Solvers in addition to base:
* Transient
* Integral Equation
* FEBI
* Domain Decomposition
* Physical Optics

*Low Frequency* – * Maxwell 2D/3D
* Q3D quasi static
* Simplorer with all models
* PExprt
* RMxprt
* Ansoft Links MCAD
* Optimetrics
 | 500*16 HPC per task**2 DSO per task* | No Node Limitations |
| **ANSYS Composite. Prep/Post interface** | 25 | N/A |
| **Space Claim Direct 3D Modeler** | 25 | N/A |