**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 Mechanical  512,000 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 |