FINDING THE RIGHT LENOVO WORKSTATION FOR YOUR UNIVERSITIES, COLLEGES AND STUDENTS

Lenovo

Subject or Department	Area of Use	Suggested Workstation GOOD	Suggested Workstation BETTER	Suggested Workstation BEST	Suggested NVIDIA Quadro GPU GOOD	Suggested NVIDIA Quadro GPU BETTER	Suggested NVIDIA Quadro GPU BEST	Types of Software
Engineering & Mechanical Sciences	High-end CAD and CAE, 3D rendering, data visualization systems, simulations finite element analysis, computational fluid dynamics	ThinkStation P340 Tiny / ThinkPad P1	ThinkStation P520c / ThinkPad P15	ThinkStation P520 / ThinkPad P15/P17	P1000 / T2000	RTX 5000 / RTX 3000	RTX 8000 / RTX 5000	Autodesk, Sketchup, Dassault Systemés SOLIDWORKS, Catia, ANSYS, Bentley
Architecture & Construction Technology	2D and 3D structure & landscape design, drafting, modeling, and rendering	ThinkStation P340 Tiny / ThinkPad P15s	ThinkStation P520 / ThinkPad P1	ThinkStation P720 / ThinkPad P15/P17	P620 / P520	RTX 4000 / T2000	RTX 6000 / RTX 5000	Autodesk, Sketchup
Robotics Technology	CAD and CAE, 3D rendering, data visualization systems, simulations, software engineering, data network programming, training, deployment, inferencing, and development	ThinkStation P340 Tiny / ThinkPad P15s	ThinkStation P520 / ThinkPad P15	ThinkStation P920 / ThinkPad P15/P17	P1000 / P520	RTX 5000 / RTX 4000	RTX 8000 / RTX 5000	Autodesk, Sketchup, Dassault Systemés SOLIDWORKS, Catia, ANSYS, Bentley, Microsoft, National Instruments
Data Science and Analytics	Software engineering, data network programming, training, deployment, inferencing, and development	ThinkStation P340 Tower / ThinkPad P1	ThinkStation P520 / ThinkPad P15	ThinkStation P920 / ThinkPad P17	P2200 / T2000	RTX 5000 / RTX 4000	RTX 8000 / RTX 5000	SAS, SPSS, SAP, Microsoft
Game Development	Gaming design, texturing, asset modeling, rigging, and simulation	ThinkStation P340 Tower / ThinkPad P1	ThinkStation P520 / ThinkPad P15	ThinkStation P720 / ThinkPad P17	RTX 4000 / T2000	RTX 5000 / RTX 4000	RTX 6000 / RTX 5000	Epic Unreal Engine, Unity, Stencyl, ZBrush
Natural Sciences	Gaming design, texturing, asset modeling, rigging, and simulation	ThinkStation P340 Tiny / ThinkPad P15s	ThinkStation P520 / ThinkPad P1	ThinkStation P720 / ThinkPad P15/P17	P1000 / P520	P2200 / T2000	RTX 4000 / RTX 4000 RTX 5000	Adobe®, PTC, Esri
Pre-Med & Nursing	Medical illustrations, medical and pharmaceutical research and data gathering.	ThinkStation P340 Tiny / ThinkPad P1	ThinkStation P520 / ThinkPad P1	ThinkPad P720	P1000 / T2000	RTX 4000 / T2000	RTX 5000	GE, Phillips, Change Healthcare, FujiFilm, Agfa, IBM Merge
Performance Arts	Video editing, audio/music creations, photo and multimedia, computer animation	ThinkStation P340 Tower / ThinkPad P1	ThinkStation P520 / ThinkPad P15	ThinkStation P720 / ThinkPad P15/P17	P2200 / T1000	RTX 4000 RTX 5000 / RTX 4000	RTX 6000 / RTX 5000	Adobe®, Autodesk, Nuke, Epic Unreal Enging, Unity, ZBrush
Visual & Fine Arts	Publishing, photo, multimedia, visual effects, animation	ThinkStation P340 Tower / ThinkPad P1	ThinkStation P520 / ThinkPad P15	ThinkStation P720 / ThinkPad P15/P17	P2200 / T1000	RTX 4000 RTX 5000 / RTX 3000	RTX 6000 / RTX 5000	Adobe®, Autodesk, Nuke, Epic Unreal Enging, Unity, ZBrush
Journalism	Broadcasting, photo and multimedia publishing	ThinkStation P340 Tiny / ThinkPad P15s	ThinkStation P520 / ThinkPad P1	ThinkStation P720 / ThinkPad P15	P620 / P520	RTX 4000 / T2000	RTX 5000 / RTX 3000	Adobe®, Avid
Campus Planning, Security, & Facilities Management	Entry-level (2D) to mainstream (3D) AutoCAD, architecture, engineering, physical site security	ThinkStation P340 Tiny / ThinkPad P15s	ThinkStation P520 / ThinkPad P1	ThinkStation P720 / ThinkPad P15	P620 / P520	P2200 / T2000	RTX 4000 / RTX 3000	Autodesk, PTC, Bentley, SureView, Esri
Public Relations	Photo and multimedia, web authoring	ThinkStation P340 Tiny / ThinkPad P15s	ThinkStation P520 / ThinkPad P1	ThinkStation P720 / ThinkPad P15	P620 / P520	P2200 / T2000	RTX 4000 / RTX 3000	Adobe®, Wordpress, Netsuite

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