

# Big Compute Power for Bold Learning Possibilities



Turning today's K-12 learners into tomorrow's leaders starts by connecting them with more opportunities to explore, create, and achieve. For Project Lead the Way and other media- and STEM-focused programs, this requires building a foundation of reliable computing power that can keep pace with increasing application performance demands. Lenovo™ has a diverse K-12 workstation portfolio that allows educators to confidently deliver innovative solutions and experiences, unifying big power and designs made for today's applications.

## SMALL BUT MIGHTY

The Lenovo ThinkStation® P320 Tiny is a recommended workstation choice for K-12 education. As the world's smallest workstation, educators get a superior no-compromise choice for robust, ISV-grade workstation performance, all without breaking the budget. Say goodbye to obtrusive towers — whether mounted vertically or horizontally, on a wall, under a desk, or behind a monitor, this space-saving workstation maximizes room for teaching and learning in any STEM lab or makerspace. From the basics of engineering principles to technical math calculations to creating a 3D architectural rendering, the ThinkStation P320 Tiny is the perfect fit to power any STEM or Project Lead the Way task.



### ISV-CERTIFIED

- Built for today's STEM and media applications
- Certified compatibility ensures nonstop productivity



### TOOL-LESS ACCESSIBILITY

- Reduces IT workload
- Fast access to components
- Worry-free maintenance and upgrades



### DISCRETE GRAPHICS

- NVIDIA® Quadro® graphics
- Support for up to six displays



### SPACE SAVING

- 1L Tiny form factor at 2.9 lb
- Optional VESA mount kit



# K-12 EDUCATION WORKSTATION SOLUTIONS OVERVIEW

## ISV-CERTIFIED, LEARNING-READY

Today's students are tomorrow's designers, engineers, and innovators. Lenovo workstations are ISV-certified for Adobe, AutoCAD, Inventor, and other real-world applications frequently used by K-12 learners in science, technology, engineering, and math curriculums:

- **Adobe** allows K-12 students to create their own digital content and push the creative envelope with compute-intensive video and graphics editing, as well as special effects.
- Autodesk's **AutoCAD** lets students learn the basics of CAD software, including creating points, lines, other geometric forms, isometric drawings, and 3D models.
- Also from Autodesk, **Inventor** is a CAD software that offers students the opportunity to hone 3D mechanical product designs and ultimately test product ideas of their own.

APPLICATION	PROGRAM
Concept Design	ICEM · 3ds Max · Creo Concept · Alias · Teamcenter Visualization
Product Design	CATIA · NX · Creo (ProE) · Inventor SolidWorks · AVEVA Plant
Architectural Concepting	3ds Max · Revit Architecture · Bentley MicroStation AutoCAD Architecture
3D Animation	3ds Max · Maya · Mudbox · Side Effects Software Houdini · Pixologic · ZBrush · Maxon Cinema 4D
Editing	AVID Media Composer · Adobe Premiere Pro
2D and Compositing	Foundry Nuke · Adobe After Effects · Adobe Photoshop · Blackmagic Design DaVinci Resolve

## MORE CHOICE FOR YOUR TECHNOLOGY DOLLARS

The Lenovo mobile and desktop workstation portfolio offers a choice for nearly any budget or priority. No matter which model you choose, they're all backed by the legendary leader in meaningful K-12 innovation.

	THINKSTATION P320 TINY	THINKSTATION P320 TOWER/SFF	THINKPAD® P52s
Processor	Up to Intel® Core™ i7 processor	Up to Intel® Xeon® processor	Up to Intel® Core™ i7 processor
OS	Up to Windows 10 Pro	Up to Windows 10 Pro	Up to Windows 10 Pro
Form Factor	Tiny, 2.9 lb	Tower, starting at 28.7 lb SFF, starting at 17.2 lb	Laptop, starting at 4.4 lb
Graphics	NVIDIA® Quadro® P600	Up to NVIDIA® Quadro® P4000 (Tower). Up to NVIDIA® Quadro® P1000 (SFF)	NVIDIA® Quadro® P500
Memory/Storage	Up to 32GB/up to 2TB	Up to 64GB/up to 16TB (Tower) Up to 64GB/up to 8TB (SFF)	Up to 32GB/up to 2TB



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Education

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