Critical launch dates. Long hours. Complex designs. Today’s engineers and manufacturing professionals face challenges only the most inspired solutions can overcome—like the Lenovo ThinkStation family of workstations.

Lenovo has partnered with industry-leading independent software vendors (ISVs) to bring better products to market—fast. With certifications on AutoDesk, Dassault Systems, Siemens, PTC and Adobe, hardware and software work together seamlessly to bring complex projects to market faster than ever before.

Our full range of Lenovo ThinkStations combines next-generation Intel® processors with best-of-breed graphic solutions to maximize productivity and turbo-charge 2D and 3D design and visualization development. All these advances are grounded in solid engineering standards, delivering an award-winning platform perfect for creating the most complex designs.

Lenovo ThinkStations not only change how you work—they improve where you work. Our environmentally friendly platforms include exclusive features like a tool-less chassis and advanced cooling systems, making your workstation cooler and more productive.

PERFECT FOR:

• Computer Aided Design (CAD)
• Computer Aided Manufacturing (CAM)
• Mechanical CAD
• Computer Aided Simulation

CHECK OUT:

www.cadcamperformance.com to see how Lenovo continues to partner with its customers and ISV partners to stay on top of industry trends and provide insight into best practices.
Increasing your speed to market means saving money, power and time. At the heart of Lenovo ThinkStations are the latest-generation of Intel processors with advanced processor performance technologies, such as Intel QuickPath, Intel Hyper-Threading\textsuperscript{1} and Intel Turbo Boost\textsuperscript{2}. Intel Turbo Boost enhances the base operating frequency of processor cores, providing more processing speed for single and multi-threaded applications.

And Lenovo ThinkStations also provide Intel Integrated HD graphics on the E Series and NVIDIA® NVS and Quadro® graphics adapters the entire family of Lenovo ThinkStations.

Intel and Xeon are trademarks of Intel Corporation in the U.S. and/or other countries.

Enjoy uninterrupted performance with our conveniently serviceable features such as tool-less graphic cards, hard drives, small form factor and easy-access side doors. Easy access means you’re up and running more often than not.

While Lenovo workstations save time, they also save money by efficiently managing power usage. The ThinkStation’s dynamic power management systems lower power consumption during low usage times. Plus, more savings are built in with the ThinkStation’s 80 Plus Gold power supply and 65% recycled plastic content.

Engineers and manufacturing professionals rely on a combination of best-of-breed software teamed with high-performance hardware. Lenovo has partnered with the industry’s leading independent software vendors (ISV), with fully certified solutions from AutoDesk, Dassault Systems, Siemens, PTC and Adobe, to enable engineers to bring better products to market—fast.

The ThinkStation’s cooling system was designed to enhance reliability and user comfort. Running 5–8 degrees cooler than the competition, Lenovo ThinkStations only make 24 decibels of idle noise to create a quieter work environment, too.

**ThinkStation Workstation Family for Manufacturing**

<table>
<thead>
<tr>
<th>Purpose</th>
<th>E Series</th>
<th>S Series</th>
<th>C Series</th>
<th>D Series</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Purpose</strong></td>
<td>Recommended as entry-level workstation for designers and design engineers where 2D and basic 3D modeling is required</td>
<td>Recommended for designers, design engineers, and engineers who need more performance to run basic simulations and/or who use more complex 3D models</td>
<td>Recommended for engineers who are space constrained and need the ultimate in performance to run demanding simulations or working with extremely complex 3D models</td>
<td>Recommended for engineers who need the ultimate in performance to run the most demanding simulations or are working with extremely complex 3D models. Great for simulations that require a lot of compute power</td>
</tr>
<tr>
<td><strong>CPU Support</strong></td>
<td>Single Intel Core™ and Xeon® Processor</td>
<td>Single Intel Xeon Processor</td>
<td>Dual Intel Xeon Processors</td>
<td>Dual Intel Xeon Processors</td>
</tr>
<tr>
<td><strong>Supported Graphics Adapters</strong></td>
<td>Intel Integrated HD Graphics, NVIDIA NVS and Quadro Options</td>
<td>NVIDIA NVS and Quadro Options</td>
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<td>NVIDIA NVS and Quadro Options</td>
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