



GPU Options for ThinkSystem Servers

Reference Information

ThinkSystem GPU Options

Lenovo introduced the most powerful GPU cards from NVIDIA. The revolutionary NVIDIA Pascal architecture is purpose-built to be the engine of computers that learn, see, and simulate our world.

ThinkSystem NVIDIA Tesla P100 GPU

High-performance computing GPU for HPC workloads and Deep Learning training workloads. P100 GPU accelerators are the most advanced ever built, features 16GB memory capacity, powered by the breakthrough NVIDIA Pascal architecture and designed to boost throughput to save money for HPC and Hyperscale data centers.



Learn more:

- [ThinkSystem GPU summary](#)

ThinkSystem NVIDIA Tesla P40 GPU

The NVIDIA Tesla P40 GPU accelerator is purpose-built to deliver maximum throughput for deep learning deployment. The P40 is powered by the revolutionary NVIDIA Pascal architecture provide the computational engine for the new era of artificial intelligence, enabling amazing user experiences by accelerating deep learning applications at scale.



Learn more:

- [ThinkSystem GPU summary](#)

ThinkSystem NVIDIA Tesla M60 GPU

High-performance for virtualization applications. M60 GPU accelerator, features 16GB memory capacity, works with NVIDIA GRID software to provide the industry's highest user performance for virtualized workstations, desktops, and applications.



Learn more:

- [ThinkSystem GPU summary](#)

ThinkSystem NVIDIA Tesla M10 GPU

ThinkSystem NVIDIA Tesla M10 GPU accelerator works with NVIDIA GRID software to provide the industry's highest user density for virtualized desktops and applications. It supports 64 desktops per board and 128 desktops per server, giving your business the power to deliver great experiences to all of your employees at an affordable cost.



Learn more:

- [ThinkSystem GPU summary](#)

ThinkSystem NVIDIA Quadro P6000 GPU

Most advanced professional graphics solution with unprecedented performance. P6000 is the world's most advanced professional graphics solution ever created, features 24GB memory capacity, bringing unprecedented power, performance, and capabilities to professional users.



Learn more:

- [ThinkSystem GPU summary](#)

ThinkSystem NVIDIA Quadro P2000 GPU

The perfect balance of performance, compelling features, and compact form factor. Powered by NVIDIA Pascal. GPU technology features 5 GB memory capacity. It also enables an expansive visual workspace with the ability to drive up to four 5K displays, combining outstanding performance and features in a compact form factor.



Learn more:

- [ThinkSystem GPU summary](#)

Related product families

Product families related to this document are the following:

- [GPU adapters](#)

Notices

Lenovo may not offer the products, services, or features discussed in this document in all countries. Consult your local Lenovo representative for information on the products and services currently available in your area. Any reference to a Lenovo product, program, or service is not intended to state or imply that only that Lenovo product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any Lenovo intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any other product, program, or service. Lenovo may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:

Lenovo (United States), Inc.
1009 Think Place - Building One
Morrisville, NC 27560
U.S.A.
Attention: Lenovo Director of Licensing

LENOVO PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. Lenovo may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

The products described in this document are not intended for use in implantation or other life support applications where malfunction may result in injury or death to persons. The information contained in this document does not affect or change Lenovo product specifications or warranties. Nothing in this document shall operate as an express or implied license or indemnity under the intellectual property rights of Lenovo or third parties. All information contained in this document was obtained in specific environments and is presented as an illustration. The result obtained in other operating environments may vary. Lenovo may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Any references in this publication to non-Lenovo Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this Lenovo product, and use of those Web sites is at your own risk. Any performance data contained herein was determined in a controlled environment. Therefore, the result obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

© Copyright Lenovo 2018. All rights reserved.

This document, LP0767, was created or updated on November 21, 2017.

Send us your comments in one of the following ways:

- Use the online Contact us review form found at:
<http://lenovopress.com/LP0767>
- Send your comments in an e-mail to:
comments@lenovopress.com

This document is available online at <http://lenovopress.com/LP0767>.

Trademarks

Lenovo, the Lenovo logo, and For Those Who Do are trademarks or registered trademarks of Lenovo in the United States, other countries, or both. A current list of Lenovo trademarks is available on the Web at <http://www3.lenovo.com/us/en/legal/copytrade/>.

The following terms are trademarks of Lenovo in the United States, other countries, or both:

Lenovo®

ThinkSystem

Other company, product, or service names may be trademarks or service marks of others.