

A network map of the world in the background. On the left, a globe is connected to a server rack. On the right, another server rack is connected to a cloud icon. The central text is surrounded by these elements.

Extract Valuable
Insights from

BIG DATA

with Lenovo



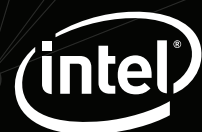
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Big Data Must Generate Big Insights

If this isn't happening, you're probably not getting enough value from it. Yes, big data should be processed and analyzed well. But it should also be interpreted and projected just as effectively. Seeing big data as valuable information can help make quick, informed business decisions.

To do this right, you need to invest in computing solutions that help visualize data better so that you can derive meaningful insights from it.

[Click here](#) to explore Lenovo's Big Data Solutions



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Why Lenovo for Big Data



Outstanding Scalability

Grow as your workload grows



Faster Processing

Real-time analytics and instant access to data



High-throughput

Enables faster response time



Improved System and Designs

Validated for faster time-to-value



Tested Configuration

Perform complex analytics on structured and unstructured data



Superior Devices

Enhanced for big data capture and analysis



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Three Pillars of Big Data

Big Data Integration and Analytics Solutions

Unlock the potential of your big data with the right end-computing devices. Capture, organize and analyze big data with a reliable data analytics platform to get actionable insights and, in turn, accelerate business results.

Data Visualization

Clear, vibrant, impactful data representation enabled by powerful, modern graphics capabilities can make complex concepts easier to understand and enable better business decisions.

Departmental Interoperability

Without the access to complete data, even the best of big data solutions cannot yield business benefits. Thereby making departmental interoperability one of the biggest things to consider while establishing big data solutions.

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Big Data Integration and Analytics Solutions

Get enterprise-ready solutions with simplified management of your big data infrastructure, increased IT agility, flexibility and scalability, and cost-effectiveness. Lenovo servers are designed to help you harness the power of **Apache™ Hadoop®** and **Apache™ Spark®** with **Cloudera®, Hortonworks®, IBM®, and MapR®**.

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Big Data Requirements



Tested Configuration



Instant Access to Data



Real-time Analytics



Resilient Platform



Easy, Dependable and Fast

Big Data Integration and Analytics Solutions

Data Visualization

Departmental Interoperability

Lenovo Solutions

Lenovo™

Lenovo System x3850 X6

Hortonworks Data Platform



ThinkSystem SN550/SN850
in Flex System Chassis



Lenovo Big Data Validated Design for IBM BigInsights

MapR Converged Data Platform

Cloudera Enterprise



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[Click here](#) to explore Lenovo's Big Data Infrastructure Solutions

Big Data Solutions for Effective Data Visualization

Visualization is one of the most important tools which transforms big data into knowledge that is relevant for decision-making. But with data pouring in from every direction, effective visualization will require end computing devices with:



Accelerated processing capabilities to process huge volumes of data



A solid memory capacity



Effective graphic capabilities



Multi-monitor support

Lenovo devices enable effective visualization with the power to process large data sets along with the ability to run specialized visualization software.



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ThinkCentre Tiny

The ThinkCentre Tiny packs a punch with the latest technology found in full-sized desktops. It can carry out intensive tasks like content creation, graphic design, and number crunching.

ThinkCentre M710 Tiny

- Up to 8th Gen Intel® Core™ i7 processor
- Enterprise-ready, fit-anywhere solution
- Up to 32 GB DDR4 memory



ThinkCentre M710 Tiny



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ThinkStation P920 Tower Workstation



ThinkStation P Series Workstations

ThinkStation P Series deliver powerful performance with the latest generation of **Intel® processors** and **NVIDIA® Quadro®** professional graphics in dual- and single-processor towers. These workstations are ISV-certified, energy-efficient, and highly versatile.

ThinkStation P920 Tower Workstation

- Up to Dual **Intel® Platinum, Gold, Silver, and Bronze**
- Faster memory, bigger storage
- Windows 10 Pro 64-bit (preload)



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ThinkPad P Series

Fusing the portability of ThinkPad with the power of a workstation, P Series laptops feature ISV-certified applications, lightning-fast graphics and processing, and more cutting-edge technology to handle your compute-intensive needs - in a surprisingly thin, light package.

ThinkPad P71 Workstation

- Up to 8th Gen Intel® Core™ i7 processor
- Intel® Thunderbolt™ port for fastest connection
- Up to 1 TB HDD or 1 TB SSD storage



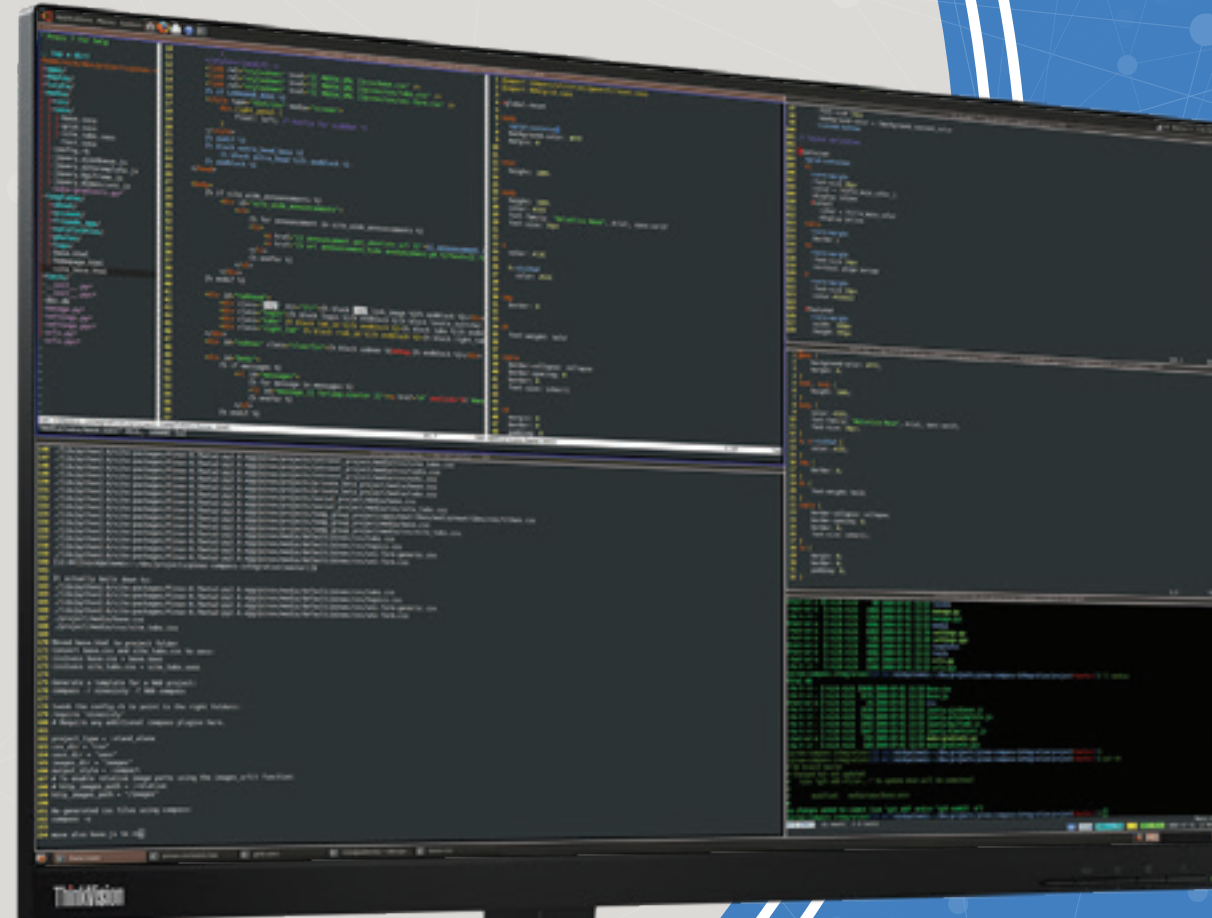
ThinkPad P71 Workstation



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Lenovo V520s



Lenovo V Series Desktops

Combining security and productivity features with a simple design, powerful technology, and long battery life, V Series laptops are perfect for business.

Lenovo V520s

- Up to 8th generation **Intel® Core™ i7** Processor
- Smart USB Protection
- High-speed memory and superfast storage technology



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Big Data Integration and Analytics Solutions

Data Visualization

Departmental Interoperability

Accessories

ThinkPad Thunderbolt™ 3 Docking Station



ThinkVision Monitor



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Services



Encryption Services

Hard drive encryption is essential to prevent unauthorized access to data sophisticated attacks.



Asset Tagging

Having your IT manually apply asset tags to your organization's computers is a time-consuming and expensive process. However, Lenovo Asset Tagging reduces your costs by having Lenovo apply your asset tag during manufacturing.



Laser Tagging

A misplaced laptop can be costly. Help deter theft and increase brand recognition by having Lenovo laser etch as your laptop cover during manufacturing.



Deployment Automation Services

Enabling organizations to increase capacity through shifting specialized technical activities such as image design and delivery to hardware manufacturing.



First Boot Services

With Lenovo First Boot, automate the processes for any image type and move the activities into Lenovo manufacturing. As a result, you save time, resources, and costs right from the start.



Smart Image

Manage multiple images and drivers, as well as tackle driver installation issues with Lenovo's Smart Image that gives you compatibility across all Lenovo-based hardware platforms.

[Click here](#) to explore Lenovo's Services

Big Data Solutions for Departmental Interoperability

Get a complete picture of your business production by having the ins and outs of your market, customer and operations. To extract big insights from big data, all functions need to be able to work together seamlessly. For departmental interoperability, the three key elements are:

Scalability

IT infrastructure should be able to effectively leverage the increasing volumes of data.



Security

Securing data safely to stay away from data breaches.



Mobility

With workforce being mobile, the aspect of remotely and securely accessing organizational data becomes critical.



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Cloud Solutions from Lenovo

Lenovo cloud solutions can help quickly deploy IT solutions and applications, and respond faster to emerging opportunities. When combined with Lenovo's comprehensive suite of services - the industry's top-rated systems from Lenovo with advanced capabilities of Microsoft Hyper-V - the Lenovo Cloud offerings for Microsoft Hyper-V enable you to take the guesswork out of Cloud. Based on individual needs, Lenovo offers solutions that include **ThinkAgile, SUSE, RedHat and VMware.**



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5 reasons why Lenovo is a difference maker



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Expertise across categories



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