

# Обзор решения Lenovo ThinkAgile VX



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# Lenovo + VMware = ThinkAgile VX

Доверяйте проверенным решением



Leader in the 2020  
Gartner MQ for HCI Software



ThinkSystem x86 Servers  
#1 in reliability, #1 in performance

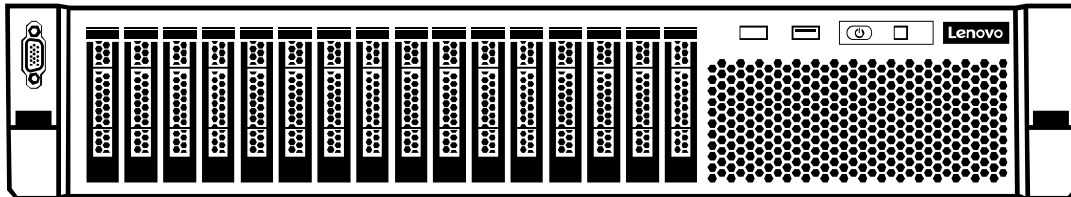
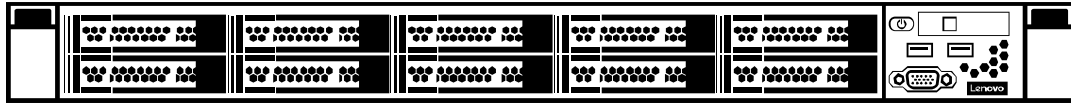
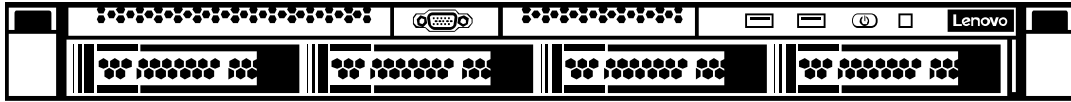


# Решаемые задачи

# ThinkAgile

- Быстрый запуск
- Ограниченные ресурсы
- Масштабирование и pay-as-you-grow
- Отсутствие единой точки отказа (SPoF)
- Единое управление и мониторинг
- Поддержка из одного окна (SPoC)

# Virtual Desktop Infrastructure (VDI)



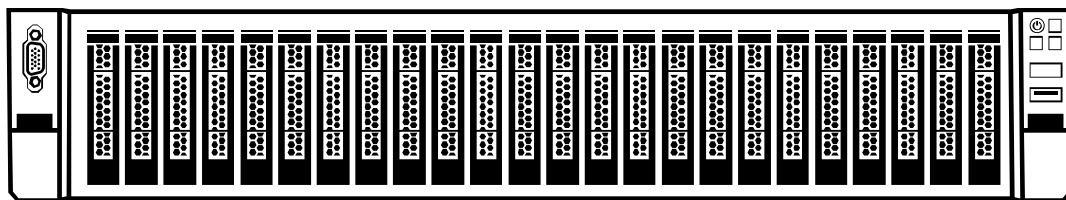
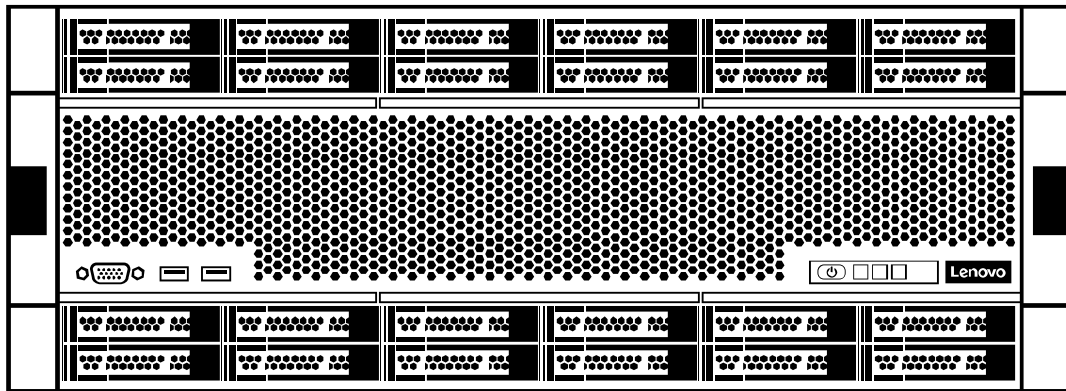
- Не нужно покупать «на вырост»
- Лицензионная политика
- Возможность установки GPU

**CITRIX**

vmware

 **NVIDIA.**

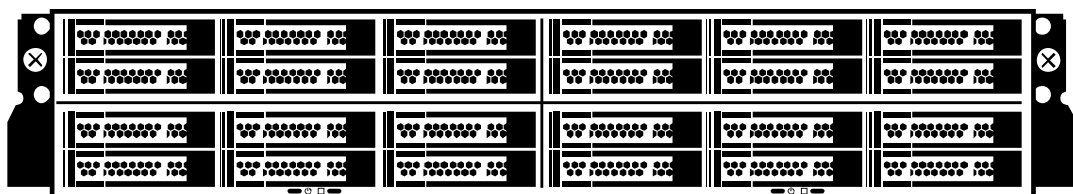
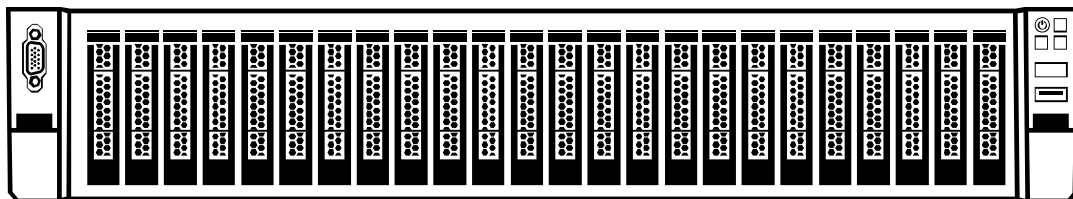
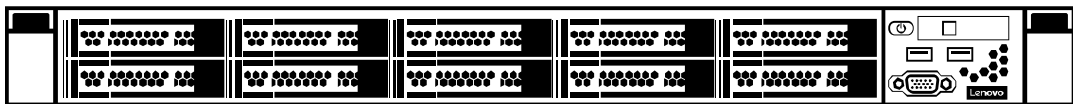
# Корпоративные приложения и БД



- Сквозная сертификация и поддержка
- Совместимость компонентов
- Референсные дизайны



# Test & Dev



- Автоматизация
- Программно-определяемые  
КОМПОНЕНТЫ
- Гибкость и подвижность



**#1**

**#1**

**#1**

**PERFORMANCE**

**SUPERCOMPUTE**

**RELIABILITY**

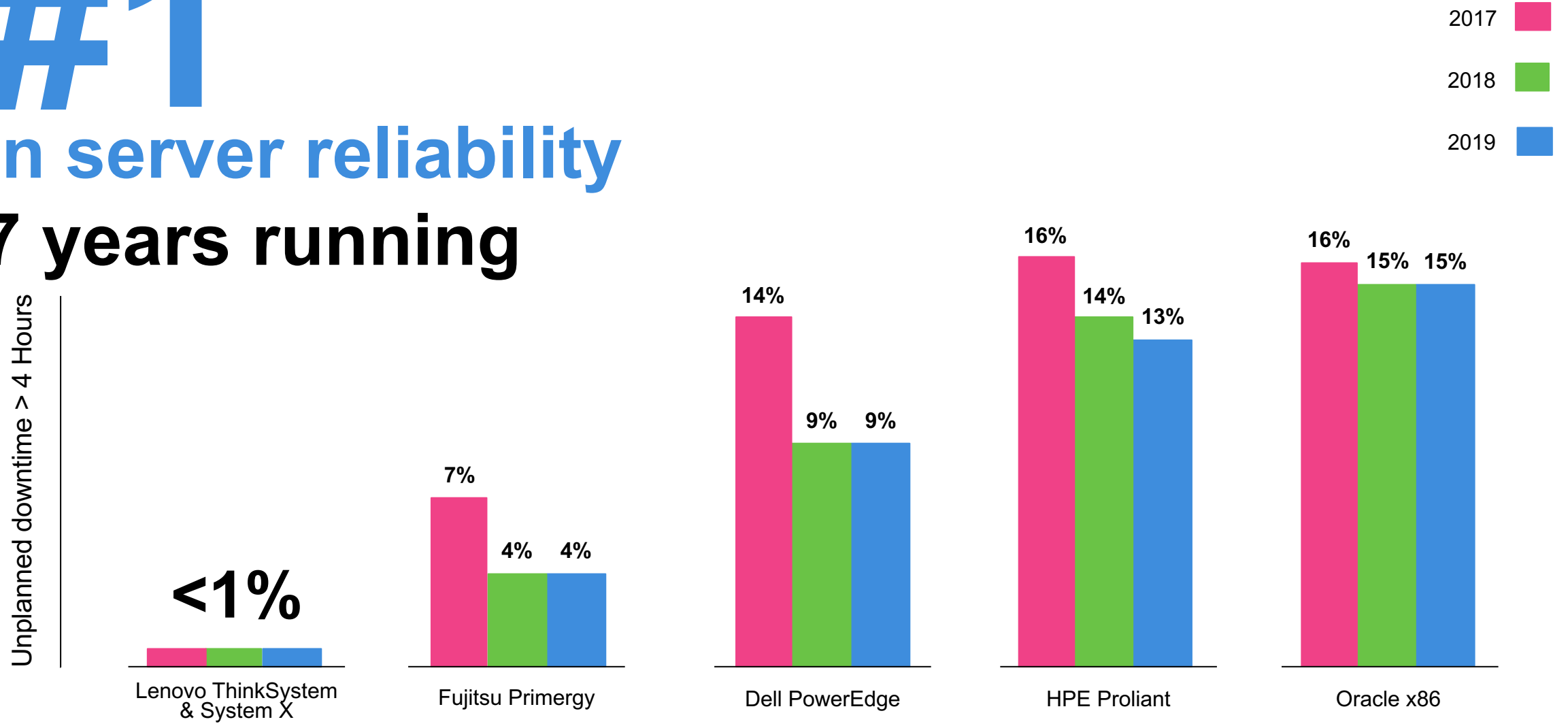
\* <https://lenovopress.com/lp1145-lenovo-thinksystem-continues-to-lead-the-industry-in-performance>

\* <https://lenovopress.com/lp1117-itic-reliability-study>

# #1

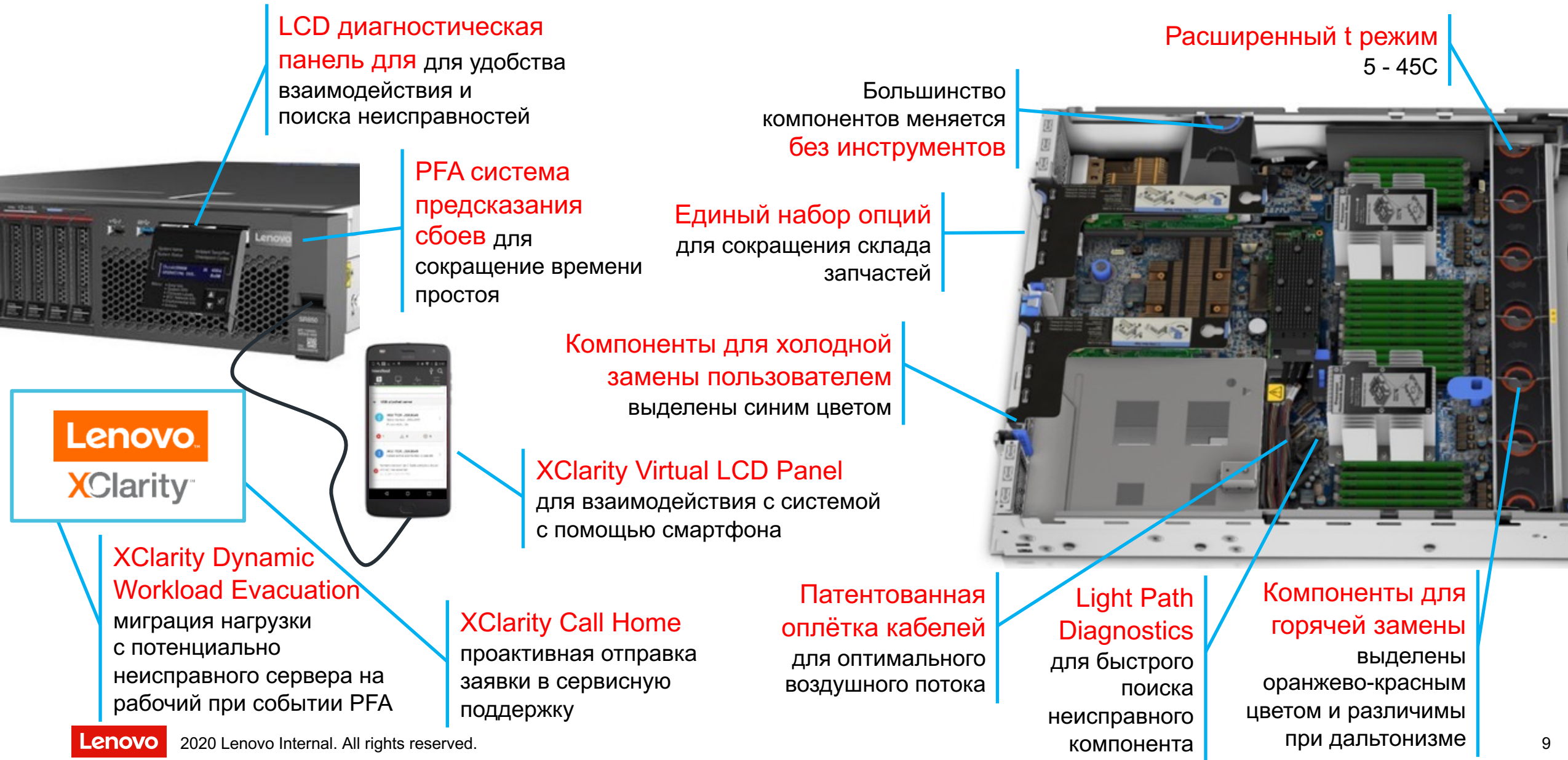
## in server reliability

### 7 years running





# Сокращение времени незапланированного простоя



# Забота в мелочах

- Загрузочный носитель, не использующий дисковый отсек
- Аппаратное зеркалирование двух SSD дисков M.2
- Для замены не требуются инструменты



# ThinkAgile Advantage

## Поддержка

- Выделенная линия и выделенная команда
- Поддержка из одного окна (SPoC) для аппаратных и программных проблем
- От начала до конца закреплен инженер
- Решение кейса занимает от 30 минут

# Professional Service



- Найти правильное решение для ваших уникальных задач
- Внедрить, чтобы вы могли сосредоточиться развитии своего бизнеса
- Защитить 24x7, чтобы вы спали спокойно

# Lenovo + VMware = ThinkAgile VX



## ThinkAgile VX Appliance

### Complete Solution

- Certified Hardware
- Certified Firmware
- Managed Releases
- VMware Licenses
- Deployment Services
- ThinkAgile Support



## ThinkAgile VX Certified Node

### Lifecycle Managed

- Certified Hardware
- Certified Firmware
- Managed Firmware
- ThinkAgile Support

# ThinkAgile VX

# ThinkAgile

# VX1320

## Workload:

1. ROBO
2. SMB
3. General Server Virtualization
5. Storage Heavy
7. High-Performance

## Form Factor:

3. 1U
5. 2U
7. 2U4N
8. 4U

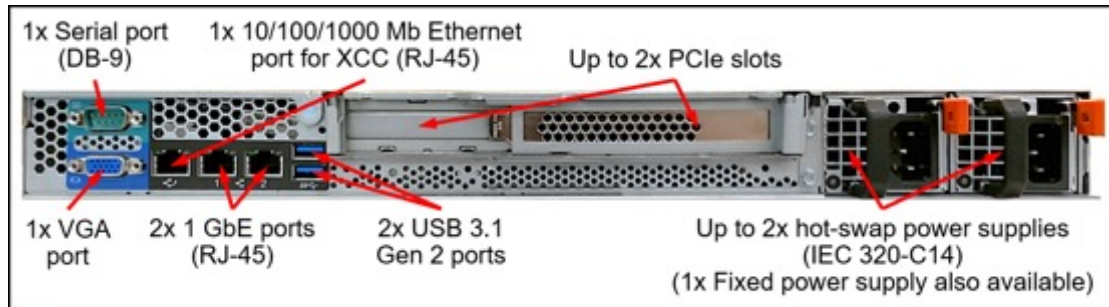
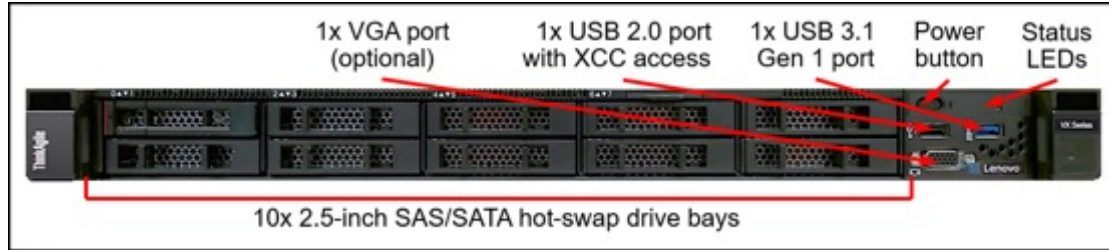
## Generation:

1. Broadwell
2. Skylake / Cascade Lake

## Use Case:

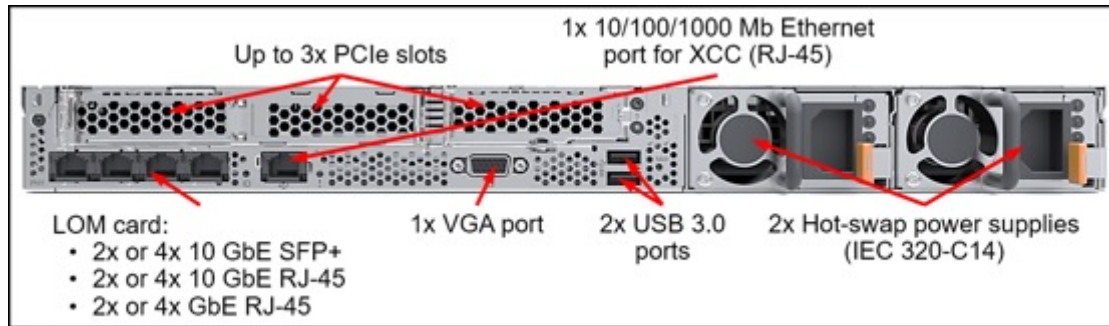
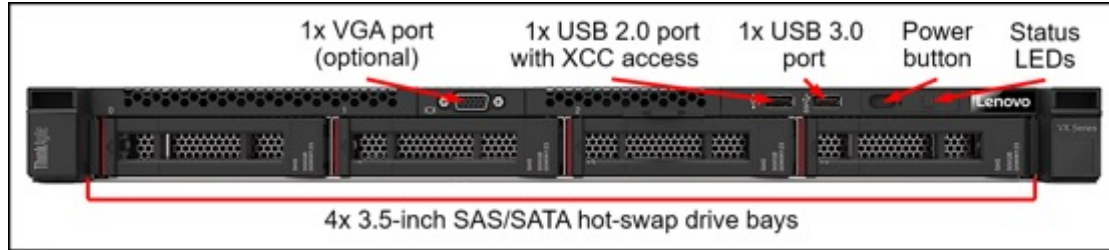
0. Appliance
1. Certified Node

# VX1320



Attribute	Specification
Processor	1x Intel Xeon E processor
Memory	Up to 4 DIMM slots
Memory capacity	Up to 64 GB
Drive bays	10x 2.5-inch SAS/SATA hot-swap

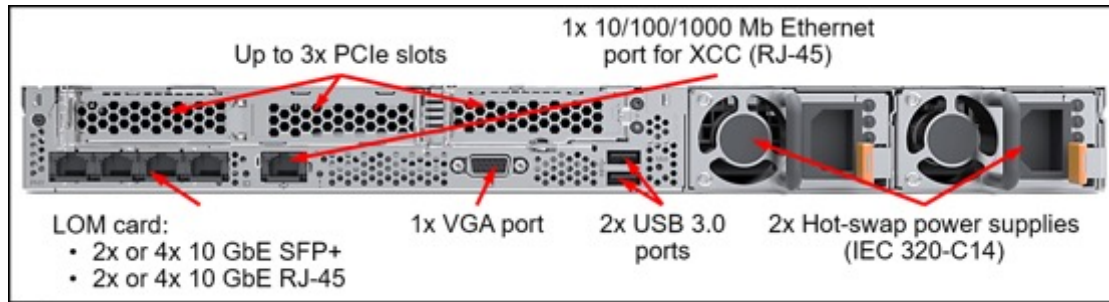
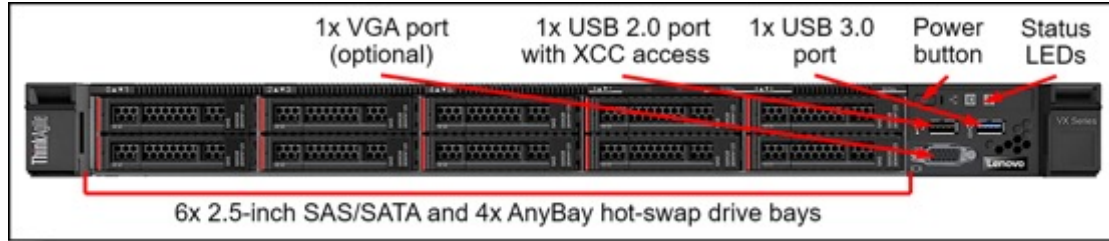
# VX2320



Attribute	Specification
Processor	Up to 2x Intel Xeon Bronze, Silver, Gold, or Platinum Gen 2 processors
Memory	Up to 24 DIMM slots
Memory capacity	Up to 3 TB
Drive bays	4x 3.5-inch SAS/SATA hot-swap

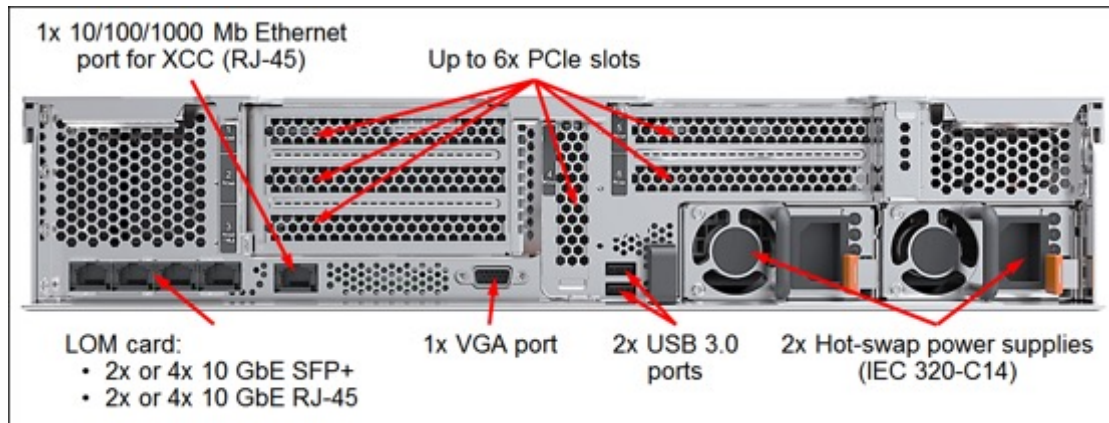
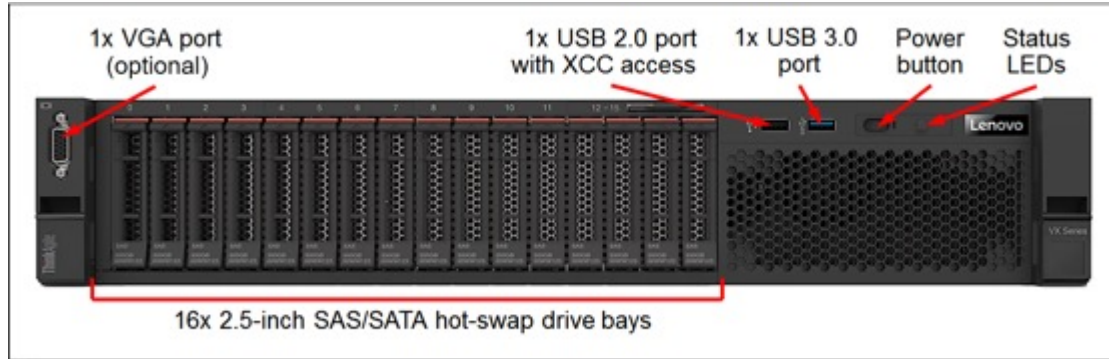


# VX3320



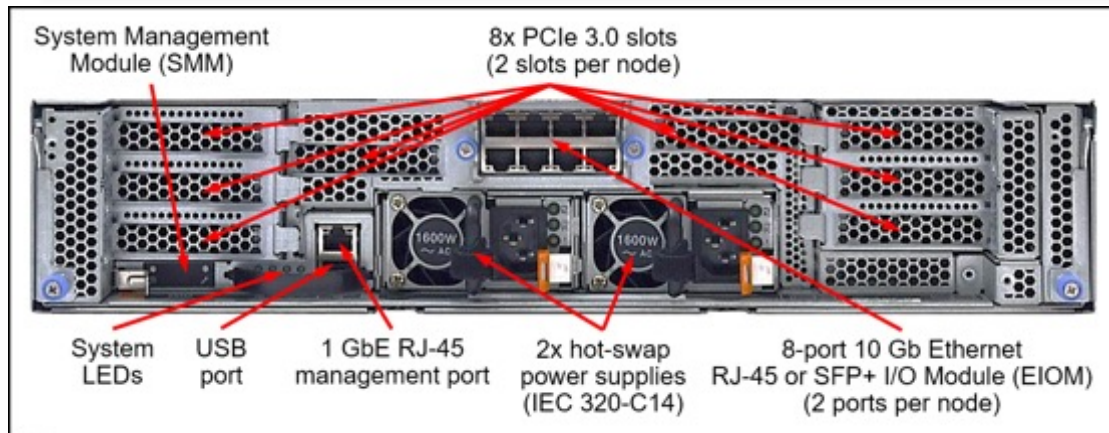
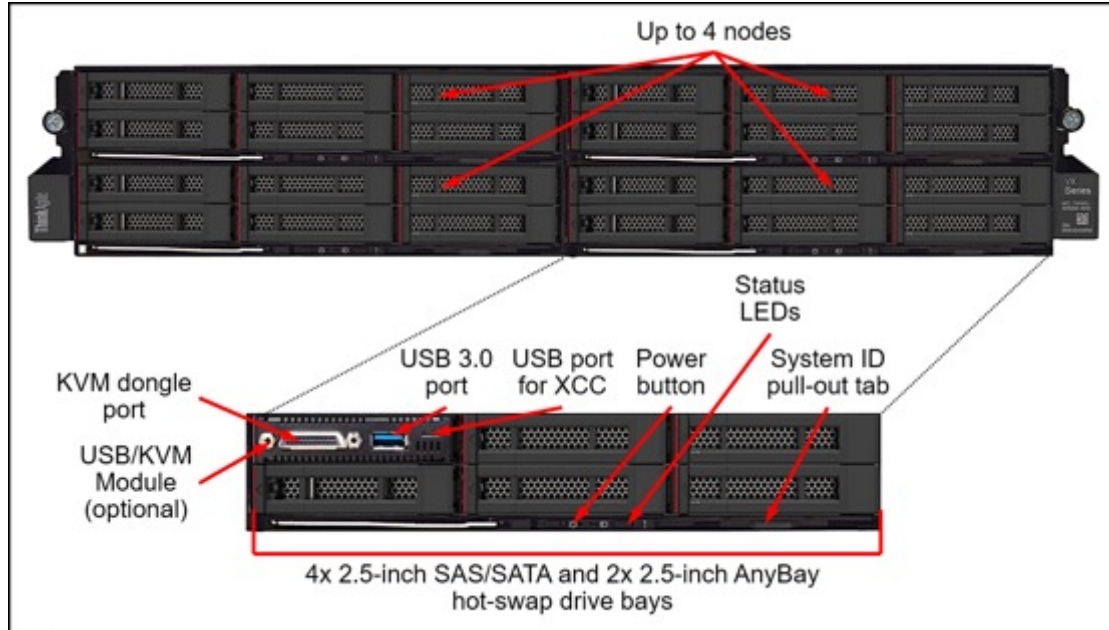
Attribute	Specification
Processor	Up to 2x Intel Xeon Bronze, Silver, Gold, or Platinum Gen 2 processors
Memory	Up to 24 DIMM slots
Memory capacity	Up to 3 TB
Drive bays	6x 2.5-inch SAS/SATA and 4x 2.5-inch AnyBay hot-swap

# VX3520-G



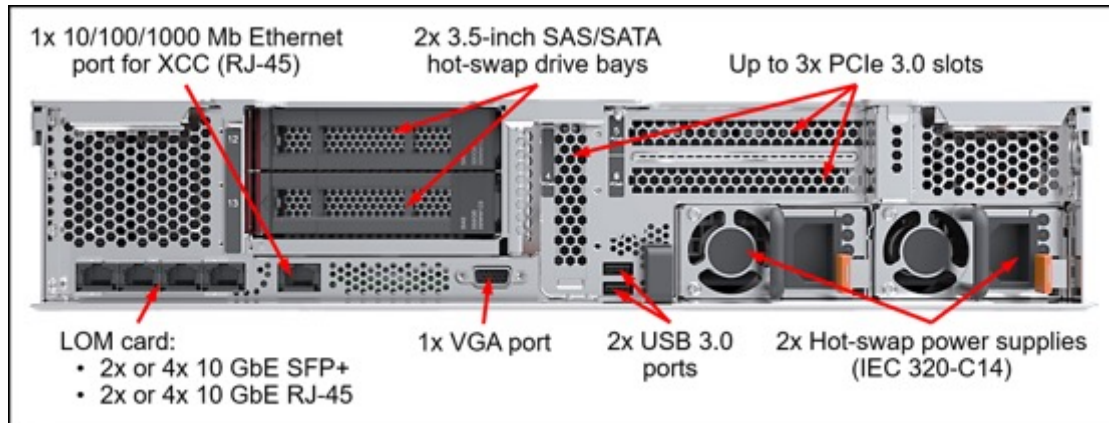
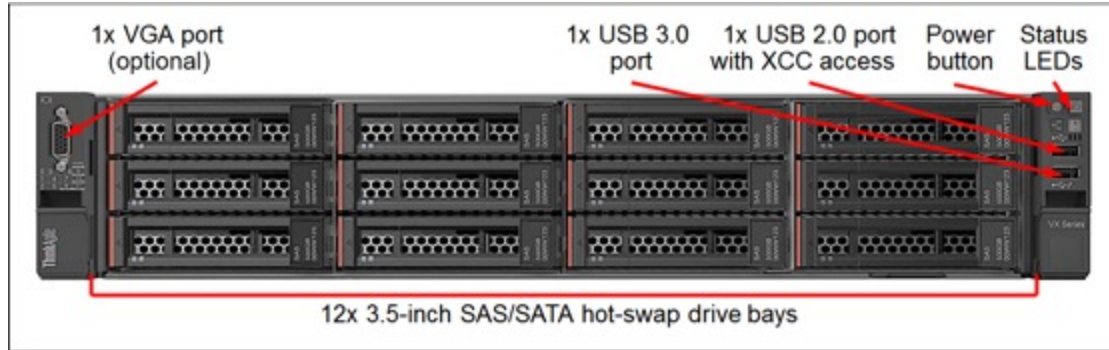
Attribute	Specification
Processor	2x Intel Xeon Bronze, Silver, Gold, or Platinum Gen 2 processors
Memory	Up to 24 DIMM slots
Memory capacity	Up to 3 TB
Drive bays	16x 2.5-inch SAS/SATA hot-swap
GPU adapters	<ul style="list-style-type: none"> <li>Up to 2x Tesla M10, M60, MI25, or V340</li> <li>Up to 3x Quadro P620 or Tesla P4000, V100</li> <li>Up to 5x Tesla T4</li> </ul>

# VX3720



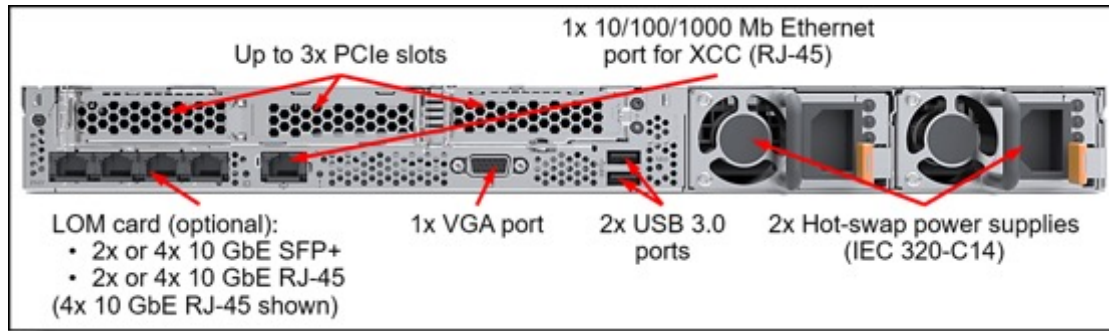
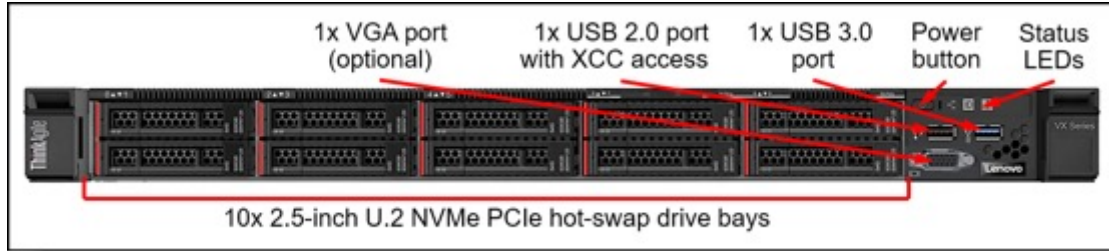
Attribute	Specification (Per Node)
Processor	Up to 2x Intel Xeon Bronze, Silver, Gold, or Platinum Gen 2 processors
Memory	Up to 12 DIMM slots
Memory capacity	Up to 768 GB
Drive bays	4x 2.5-inch SAS/SATA and 2x 2.5-inch AnyBay hot-swap

# VX5520



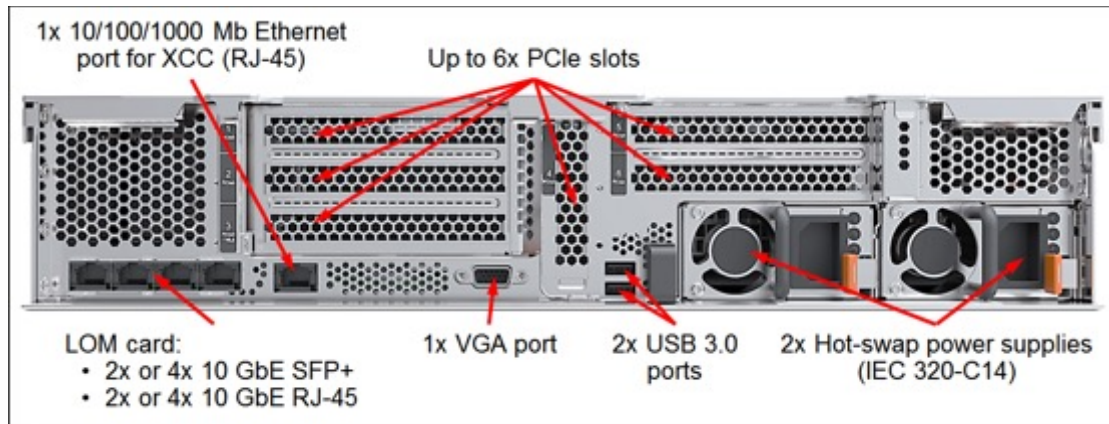
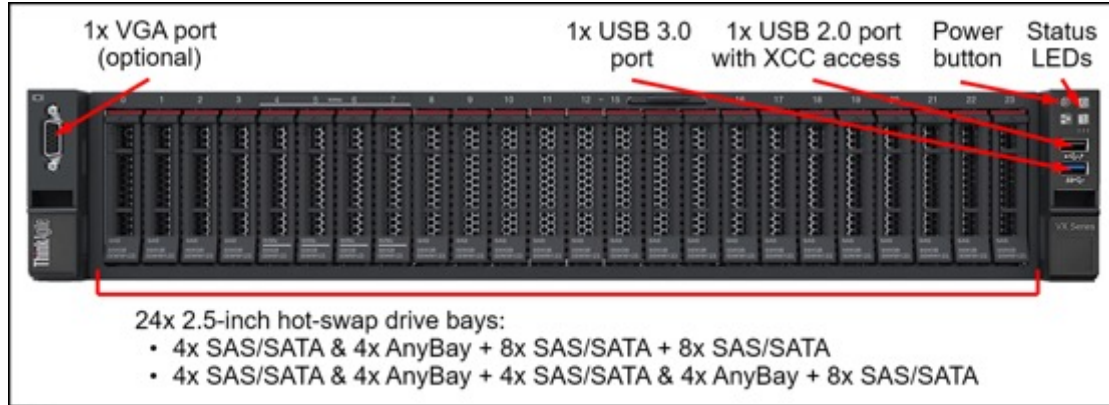
Attribute	Specification
Processor	Up to 2x Intel Xeon Bronze, Silver, Gold, or Platinum Gen 2 processors
Memory	Up to 24 DIMM slots
Memory capacity	Up to 3 TB
Drive bays	12x or 14x 3.5-inch SAS/SATA hot-swap

# VX7320-N



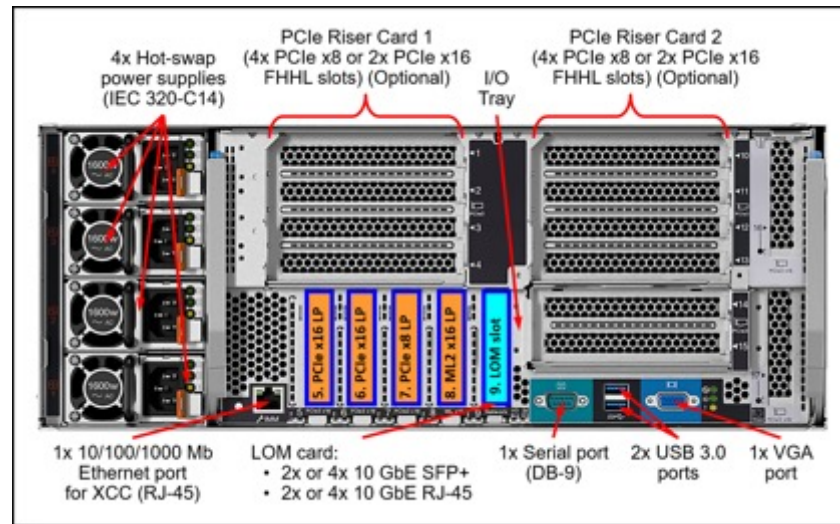
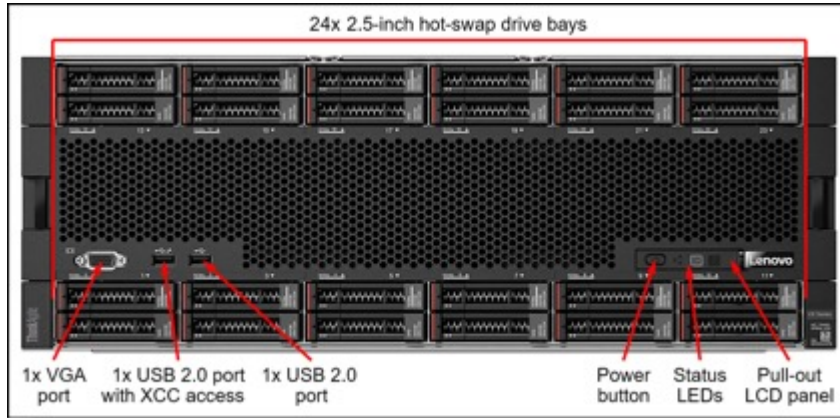
Attribute	Specification
Processor	2x Intel Xeon Bronze, Silver, Gold, or Platinum Gen 2 processors
Memory	Up to 24 DIMM slots
Memory capacity	Up to 3 TB
Drive bays	10x 2.5-inch U.2 NVMe hot-swap

# VX7520



Attribute	Specification (Per Node)
Processor	2x Intel Xeon Bronze, Silver, Gold, or Platinum Gen 2 processors
Memory	Up to 24 DIMM slots
Memory capacity	Up to 3 TB
Drive bays	<ul style="list-style-type: none"> <li>• 20x 2.5-inch SAS/SATA and 4x 2.5-inch AnyBay hot-swap</li> <li>• 16x 2.5-inch SAS/SATA and 8x 2.5-inch AnyBay hot-swap</li> </ul>

# VX7820



Attribute	Specification (Per Node)
Processor	4x Intel Xeon Gold, or Platinum Gen 2 processors
Memory	Up to 48 DIMM slots
Memory capacity	Up to 12 TB
Drive bays	<ul style="list-style-type: none"> <li>12x 2.5-inch SAS/SATA and 12x 2.5-inch AnyBay hot-swap</li> </ul>

VMware Cloud Foundation & Vi x

lenovo.com/us/en/data-center/solutions/vmware



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LOCATOR CONTACT US REWARDS ACCOUNT CART



### Simplifying IT infrastructure for our customers

Joint solutions from VMware and Lenovo provide business agility and IT efficiency, enabling companies to deploy public cloud and hybrid cloud technologies quicker.

[Watch video](#)

### VMware Partner of the Year

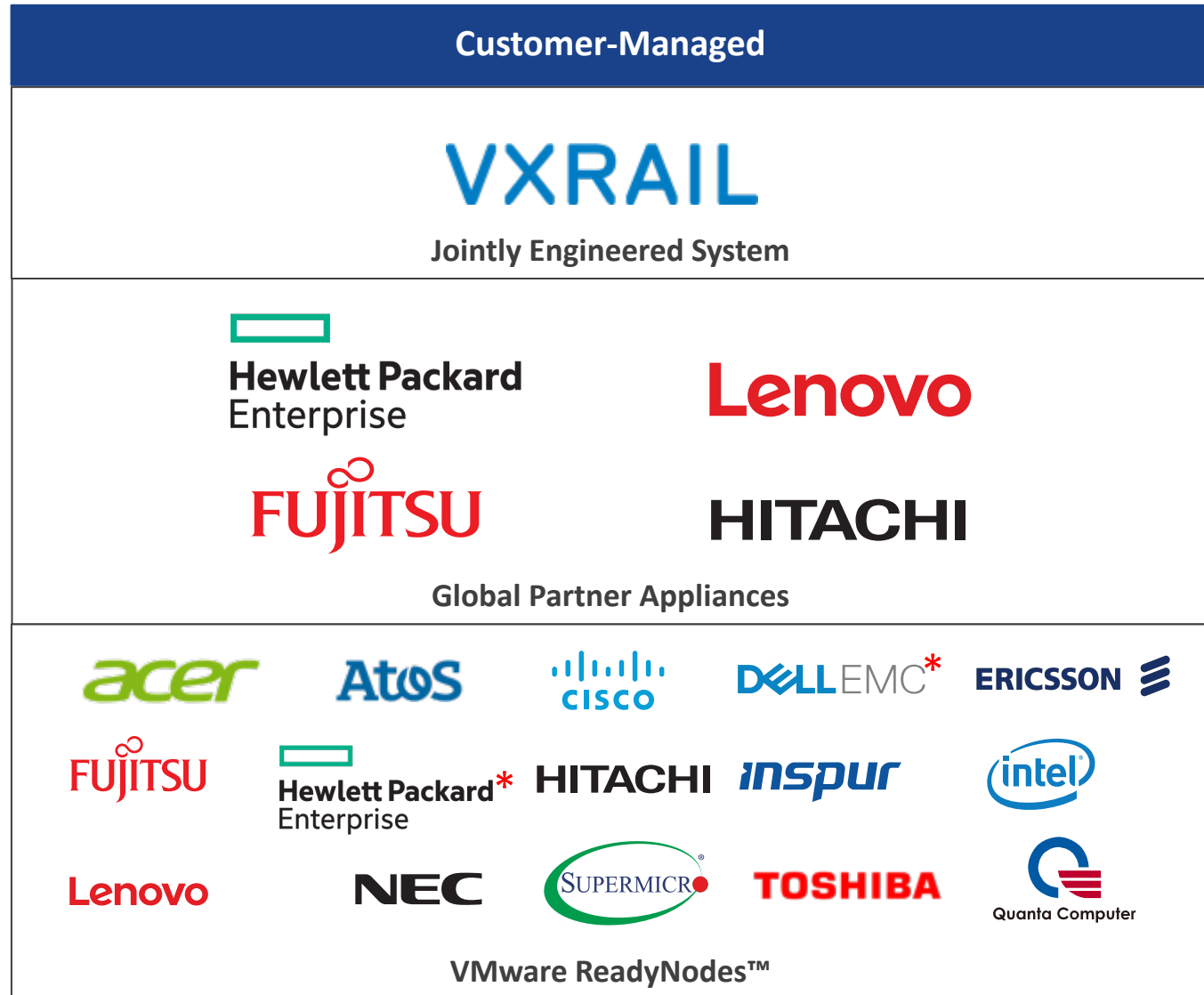
Lenovo has received VMware's 2020 Global Partner of the Year Award for the Partner Value category, which recognizes Lenovo for growth of customer business through the use of VMware solutions and for providing customers with a high ROI.

[Learn more](#)

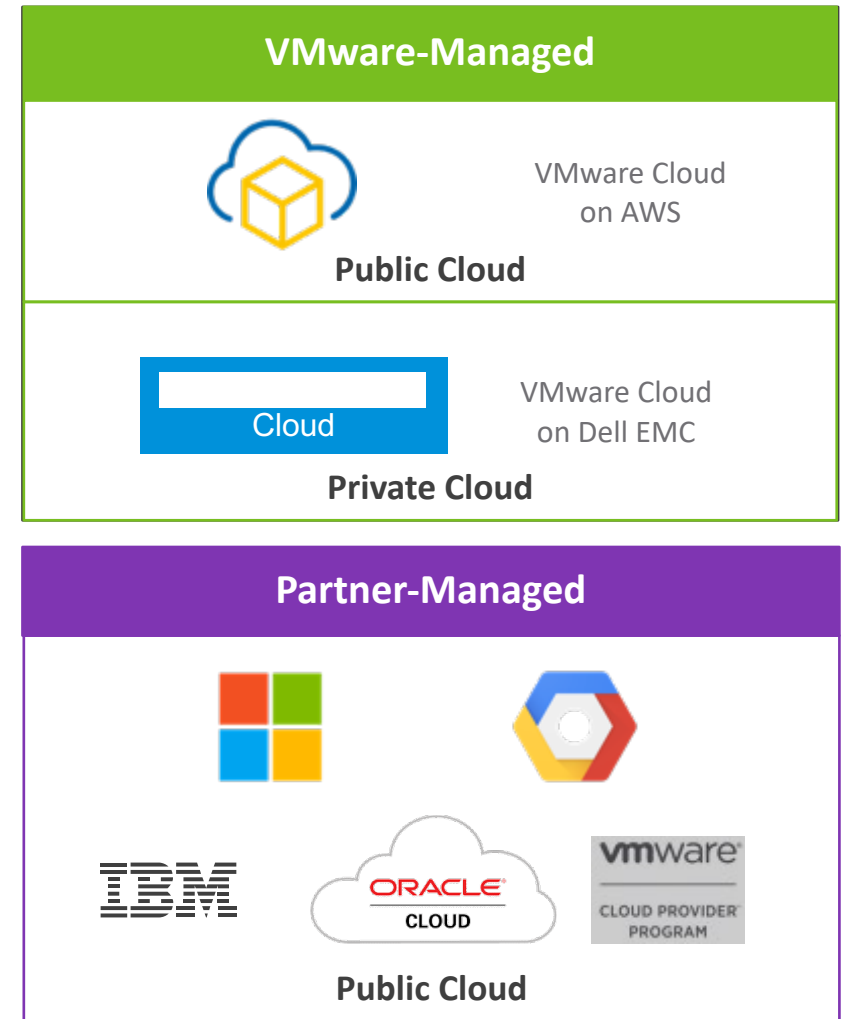
CHAT NOW



# We Offer the Largest Ecosystem for Customer Choice

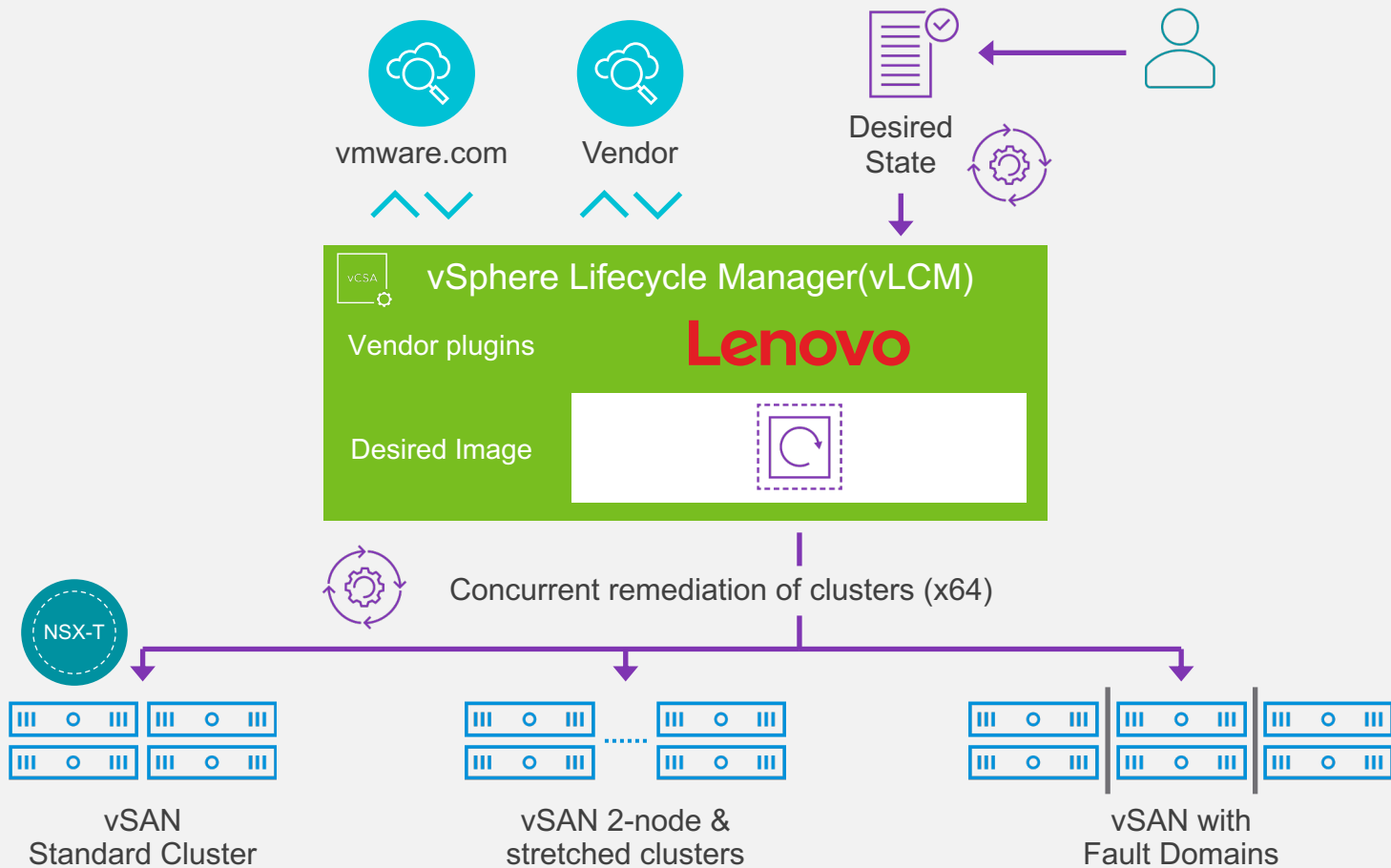


\*Includes composable infrastructure



# Развитие vSphere Lifecycle Management

Более эффективное управление жизненным циклом оборудования и ПО



New **vendor Plugin** for select **Lenovo ReadyNode** models

Aware of vSAN **Fault Domains, 2-node** and **stretched clusters**

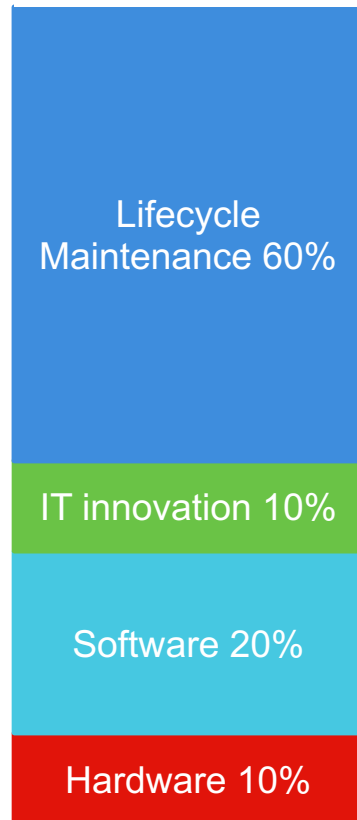
Improved hardware compatibility **pre-checks**

Concurrent remediation of up to 64 clusters

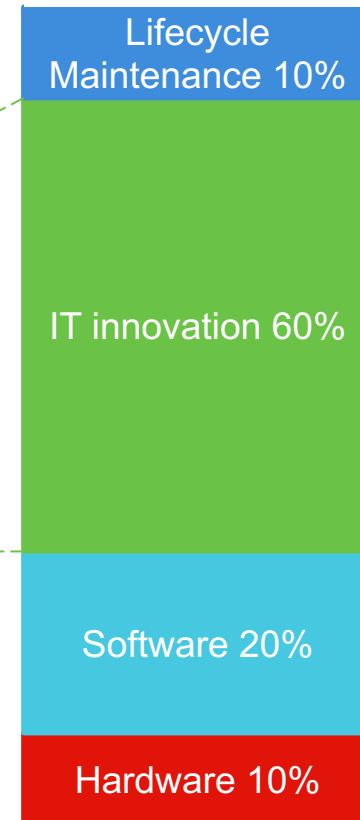
Support for environments running **NSX-T v3.1**

# Путь к инновациям

Сегодня вы  
здесь



Хотите быть  
здесь?



\* % рабочего времени

# Не верите на слово?

intel select solution

## Lenovo Database Configuration for Microsoft SQL Server 2019 on ThinkAgile MX

Reduce time to value with pretested hardware configurations.

**SOLUTION BRIEFS**

### Lenovo Database Configuration for Microsoft SQL Server 2019 on ThinkAgile MX

Reduce time to value with pretested hardware configurations.

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84 pages, 4.6 MB

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**Reference Architecture: VMware Software Defined Data Center with ThinkAgile VX**

- Демо – протестируйте сами
- Референсные дизайны

<https://www.lenovo.com/us/en/resources>

<https://lenovosuccess.com/>

<https://lenovopress.com/>

**thanks.**

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