

SUSE Software Solution Product Guide

Product Guide

SUSE and Lenovo work together to ensure that the latest SUSE technologies work perfectly with Lenovo ThinkSystem infrastructure and ThinkAgile solutions to provide the most reliable, secure and high-performing datacenters for our customers. Built with proven Lenovo innovation, Lenovo ThinkSystem servers and ThinkAgile solutions extend SUSE's operating systems, virtualization technologies, and infrastructure platforms so you can build a highly productive IT environment that can help your business achieve true innovation.

Lenovo has proven experience in developing and delivering SUSE-based solutions that help customers modernize and simplify their IT infrastructure to dramatically drive down operating costs and open the door to cutting-edge innovations. Built around the latest Lenovo ThinkSystem servers and networking hardware, the Lenovo solution with SUSE provides businesses with an affordable, interoperable, and reliable industry-leading solution to manage their virtualized workloads.



Figure 1. Lenovo and SUSE lead in SAP solutions

Did you know?

Lenovo's largest supercomputer installations use SUSE Linux Enterprise Server operating systems optimized for High-Performance Computing. This includes LRZ in Germany and the Barcelona Super Computer. Also, SUSE is the initial default operating system for SAP HANA and Data Hub solutions.

For more information, refer to the SAP Data Hub Reference Architecture, available from:

<https://lenovopress.com/lp0897-lenovo-intelligent-insights-with-sap-data-hub-suse-reference-architecture>

Why buy SUSE subscriptions from Lenovo?

Lenovo offers various types and forms of SUSE subscriptions so organizations and partners can leverage best in class Lenovo servers to build agile IT infrastructure that is reliable, secure, and high performing. Choosing a SUSE OEM subscription from Lenovo for most customers is **the simplest and most cost-effective approach**. SUSE subscriptions from Lenovo are specifically pre-tested and optimized to install on Lenovo servers. Lenovo offers support for several SUSE offerings including SUSE Linux Enterprise Server and SUSE High-Performance Computing, giving customers a single point of support for their datacenter with better pricing than they can get from normal SUSE distributors.

With a history of technical collaboration, SUSE and Lenovo consistently deliver innovative joint solutions for the data center. Lenovo's leadership in reliability, customer satisfaction, and performance, combined with SUSE's reputation in software, continues to deliver innovative data-center solutions and lower total cost of ownership for our joint customers.

With Lenovo, customers have access to decades of datacenter expertise, industry leading support services and the option to leverage Lenovo consultative, professional, and managed service offerings. Lenovo provides customers with the best solution to generate the business results they are looking to achieve, while leveraging a single partner for all aspects of support and services.

Support levels

Lenovo sells SUSE subscriptions that offer either Lenovo support or SUSE direct support. The advantage of the Lenovo support options is that they all offer 7x24 support at the best possible price. Support from SUSE comes in two options: Priority subscriptions or Standard subscriptions.

- Priority subscriptions have support offered 7x24 - seven days a week, 24 hours per day
- Standard subscriptions have support offered 5x12 - Monday to Friday, local business days, typically offered from 8:00 AM to 8:00 PM local hours

SUSE Linux Enterprise Server (SLES)

This section describes the subscriptions available for SUSE Linux Enterprise Server (SLES) supported by world-class Lenovo Services.

SLES is available in the following deployment scenarios:

- **SUSE Linux Enterprise Server (SLES) Physical or Virtual Node:** This is the basic SLES x86 Linux Operating System (OS) is sold in a single 2-socket subscription. This subscription supports either two physical sockets of SLES or two virtual machines using SLES.
- **SUSE Linux Enterprise Server (SLES) Virtualization Unlimited:** This subscription offers unlimited "bare metal" SLES OS instances for virtual machines. Note - this subscription does include the 1-2 socket physical server OS and unlimited SLES VMs.

Customers can purchase SLES subscriptions from Lenovo through the following ways:

- **CTO (Configure to Order)** – this is the OEM subscription that is added to the Lenovo server quotes.
 - Socket-based per Server
- **BTO (Build to Order)** – this is the OEM subscription that can be added to any customer quotes.
 - Socket-based per Server

Each SLES OS subscription can provide an OS instance for up to two sockets or two virtual machines. Other options include unlimited SLES virtual machines. A "virtualization unlimited" subscription provides both the 2-socket OS and unlimited bare metal SLES virtual machines.

The following table lists the available SLES subscriptions.

Table 1. SUSE Linux Enterprise Server (SLES) Subscriptions

Subscription	Licensing model	Notes
SLES Physical or Virtual Node	Processor-based	2 sockets or 2 VMs
SLES Physical and Unlimited VM	Processor-based	2 sockets and Unlimited SLES OS VMs

The following table lists the SLES ordering feature codes.

Table 2. SUSE Linux Enterprise Server Feature Codes

Description	Feature Code
SLES X86 2 Socket Priority Subscription w/Lenovo Support 1Yr	S0LF
SLES X86 2 Socket Priority Subscription w/Lenovo Support 3Yr	S0LG
SLES X86 2 Socket Priority Subscription w/Lenovo Support 5Yr	S0LH
SLES X86 2 Socket Virtualization Unlimited Priority Subscription w/Lenovo Support 1Yr	S0LJ
SLES X86 2 Socket Virtualization Unlimited Priority Subscription w/Lenovo Support 3Yr	S0LK
SLES X86 2 Socket Virtualization Unlimited Priority Subscription w/Lenovo Support 5Yr	S0LL
SLES X86 2 Socket Standard Subscription w/Lenovo Support 1Yr	S0LM
SLES X86 2 Socket Standard Subscription w/Lenovo Support 3Yr	S0LN
SLES X86 2 Socket Standard Subscription w/Lenovo Support 5Yr	S0LP
SLES X86 2 Socket Virtualization Unlimited Standard Subscription w/Lenovo Support 1Yr	S0LQ
SLES X86 2 Socket Virtualization Unlimited Standard Subscription w/Lenovo Support 3Yr	S0LR
SLES X86 2 Socket Virtualization Unlimited Standard Subscription w/Lenovo Support 5Yr	S0LS

SUSE Linux Enterprise for HPC

This section provides information on SUSE Linux Enterprise for High Performance Computing (HPC) from Lenovo. Lenovo is an industry leader in the HPC space with hundreds of HPC wins using SUSE Linux Enterprise for HPC in the deployments. Many of the largest supercomputers are deployed with Lenovo servers and SUSE HPC software.

Features

For IT professionals with performance is a primary concern, SUSE Linux Enterprise for HPC provides capabilities to build high performance datacenter environments. These subscriptions are sold by two physical sockets or two virtual machine instances.

- SUSE Linux Enterprise for HPC.** Lenovo resells SUSE Linux Enterprise for HPC subscriptions that cover both Compute and Head Nodes. These are subscriptions where the customers access SUSE for patches, downloads, software, etc. The support options include Standard 12x5 and Priority 24x7 support levels directly from SUSE. A Lenovo Support option can be quoted using the VLS process. Contact your Geo Alliance Managers for more detail.

The following table lists the SUSE Linux Enterprise for HPC ordering part numbers.

Table 3. SUSE Linux Enterprise for HPC ordering part numbers

Description	NA/AP SEO Code	EMEA/LA SEO Code
SUSE Linux Enterprise HPC Standard SUSE Support 1Yr	00YC039	00YC149
SUSE Linux Enterprise HPC Standard SUSE Support 3Yr	00YC040	00YC150
SUSE Linux Enterprise HPC Standard SUSE Support 5Yr	00YC041	00YC151
SUSE Linux Enterprise HPC Priority SUSE Support 1Yr	00YC042	00YC152
SUSE Linux Enterprise HPC Priority SUSE Support 3Yr	00YC043	00YC153
SUSE Linux Enterprise HPC Priority SUSE Support 5Yr	00YC044	00YC154

SUSE Linux Enterprise Add-Ons

This section provides information on add-on packages that can be sold with the SLES Operating System from Lenovo. Any “Add-On” package will adopt the support levels of the underlying server OS (i.e. Standard or Priority support, Lenovo Support or SUSE Support).

- **SLES High Availability Extension.** SUSE Linux Enterprise High Availability (HA) Extension provides mature, industry-leading open source high availability clustering technologies that are easy to set up and use. It can be deployed in both physical and virtual environments. Together with Geo Clustering, the SUSE Linux Enterprise High Availability Extension helps maintain business continuity, protect data integrity and maximize service uptime for mission-critical Linux workloads across local to unlimited geographic distances.
 - **Load Balancing.** SUSE Linux Enterprise High Availability Extension includes IPv4 and IPv6 load balancing, allowing you to handle node and service failures and redirect requests to other nodes to maintain the availability and performance of the service.
 - **Clustering.** SUSE Linux Enterprise High Availability Extension supports the Corosync cluster engine and OpenAIS—the leading standards-based communication protocol for server and storage clustering. Also included is Pacemaker, a highly scalable cluster resource manager with a flexible policy engine that supports n-node clusters. Using Corosync, OpenAIS and Pacemaker, you can continuously monitor the health of your resources, manage dependencies and automatically stop and start services based on configurable rules and policies.
- **SUSE Geo Clustering.** Geo clustering provides rules-based failover for automatic and manual transfer of a workload to another cluster outside of the affected area. Your mission-critical workloads are transferred away from the affected region to continue to run.

Note: Geo Clustering is included WITH the High Availability Extension subscription for SLES Release 15 and later.
- **SLES Long Term Service Pack Support (LTSS).** SLES LTSS extends the support period of a SUSE Linux Enterprise Server update for up to three (3) years beyond the standard Service Pack end-of-life. Long Term Service Pack Support significantly lengthens the supported transition period for service pack migrations and extends the life of your SUSE Linux Enterprise Server deployment. You can reduce upgrade risks and costs while ensuring the stability and predictability of your deployment. SUSE typically releases a Service Pack every 12 to 18 months.

- SLES Live Patching.** The SUSE Linux Enterprise Live Patching almost eliminates the need for down time during maintenance upgrades. This feature allows for kernel updates in real time. SUSE Linux Enterprise Live Patching is a simple open source solution that delivers live kernel patching without the need to reboot. With this subscription offering based on the kGraft project, you can perform patching without interrupting your mission-critical workloads and in-memory databases, saving the cost of downtime and increasing service availability. Because it builds on to the existing SUSE Linux Enterprise kernel infrastructure and uses familiar deployment methods, SUSE Linux Enterprise Live Patching is an easy way to make operating system maintenance more efficient and secure.

The following table lists the ordering feature codes.

Table 4. SUSE Linux Enterprise Add-On Feature Codes

Description	Feature code
SLES HA Extension 2 Socket Subscription w/Lenovo Support 1Yr	S0LZ
SLES HA Extension 2 Socket Subscription w/Lenovo Support 3Yr	S0M0
SLES HA Extension 2 Socket Subscription w/Lenovo Support 5Yr	S0M1
SLES Geo Clustering Extension 2 Socket Subscription w/Lenovo Support 1Yr	S0M2
SLES Geo Clustering Extension 2 Socket Subscription w/Lenovo Support 3Yr	S0M3
SLES Geo Clustering Extension 2 Socket Subscription w/Lenovo Support 5Yr	S0M4
Long Term Service Pack Support for SLES Inherited Virtualization Subscription w/Lenovo Support 1Yr	S0MZ
SUSE Linux Live Patching 1-2 Skt Inherited Virtualization Priority Subscription w/Lenovo Support 1Yr	S0N0
SUSE Linux Live Patching 1-2 Skt Inherited Virtualization Priority Subscription w/Lenovo Support 3Yr	S0N1

SUSE Linux Enterprise Server for SAP

This section provides information on SUSE Linux Enterprise Server for SAP Applications sold from Lenovo. SUSE offers a subscription called SLES for SAP Applications that is used for SAP HANA installations and non-HANA applications such as Business Warehouse. As the number one reseller of SAP HANA servers, Lenovo is well-versed in installing, selling and managing SUSE-based SAP HANA deployments.

- SLES for SAP Applications.** SLES for SAP Applications is an attractive, bundled subscription with several SUSE technologies. This is the subscription required for SAP HANA use cases. This subscription includes SUSE Linux Enterprises Server with 1-2 sockets or 1-2 Virtual Machines, SUSE High Availability Extension Add-On and SUSE Manager. It also has support of three years included. Like other SLES subscriptions, this one offers the two socket, or two virtual machine option and the unlimited bare metal virtual machine option noted by a “Virtualization Unlimited” description.
- SLES for Lenovo Intelligent Insights with SAP Data Hub.** A new offering from Lenovo combines both SAP and SUSE software products into a powerful data “management” solution that can access data from multiple disparate locations and databases. This product utilizes SLES, SUSE Storage (Ceph) and SUSE Container as a Service Platform (containers). You do not need to sell SLES for SAP Applications subscriptions for the Data Hub use case.

The following table lists the ordering feature codes.

Table 5. SUSE Linux Enterprise Server for SAP Applications Feature Codes

Description	Feature code
SLES for SAP Applications 2 Socket Priority Subscription w/Lenovo Support 1Yr	S0LT
SLES for SAP Applications 2 Socket Priority Subscription w/Lenovo Support 3Yr	S0LU
SLES for SAP Applications 2 Socket Priority Subscription w/Lenovo Support 5Yr	S0LV
SLES for SAP Applications 2 Socket Virtualization Unlimited Priority Subscription w/Lenovo Support 1Yr	S0LW
SLES for SAP Applications 2 Socket Virtualization Unlimited Priority Subscription w/Lenovo Support 3Yr	S0LX
SLES for SAP Applications 2 Socket Virtualization Unlimited Priority Subscription w/Lenovo Support 5Yr	S0LY

The following table lists the option part numbers

Table 6. SUSE Linux Enterprise Server for SAP Applications part numbers

Description	NA/AP SEO Code	EMEA/LA SEO Code
SLES for SAP Applications 2 Socket Priority SUSE Support 1Yr	00YC030	00YC140
SLES for SAP Applications 2 Socket Priority SUSE Support 3Yr	00YC031	00YC141
SLES for SAP Applications 2 Socket Priority SUSE Support 5Yr	00YC032	00YC142
SLES for SAP Applications 2 Socket Virt Unlimited Priority SUSE Supp 1Yr	00YC033	00YC143
SLES for SAP Applications 2 Socket Virt Unlimited Priority SUSE Supp 3Yr	00YC034	00YC144
SLES for SAP Applications 2 Socket Virt Unlimited Priority SUSE Supp 5Yr	00YC035	00YC145

SUSE Containers

This section provides information on SUSE Containers as a Service Platform (CaaS), SUSE's container platform. Containers are providing datacenter managers with an excellent tool to support multiple applications via individual "containers" while providing security. SUSE CaaS offers a consistent hybrid cloud foundation for building and scaling containerized applications. Benefit from streamlined platform installation and upgrades from one of the enterprise Kubernetes leaders. SUSE CaaS gives administrators a single place to implement and enforce policies across multiple teams, with a unified console across all SUSE CaaS clusters.

- **SUSE Container as a Service Platform.** SUSE's container platform is sold by sockets or VMs. The lowest cost option is a two-socket subscription. Like all SUSE subscriptions, support is either 12x5 Standard or 24x7 Premium. These subscriptions offer SUSE or Lenovo support.

The following table lists the ordering feature codes.

Table 7. SUSE Containers as a Service Platform Feature Codes

Description	Feature code
SUSE CaaS Platform 1-2 Sockets or 1 VM Priority Subscription w/Lenovo Support 1Yr	S0N2
SUSE CaaS Platform 1-2 Sockets or 1 VM Priority Subscription w/Lenovo Support 3Yr	S0N3
SUSE CaaS Platform 1-2 Sockets or 1 VM Priority Subscription w/Lenovo Support 5Yr	S0N4
SUSE CaaS Platform x86-64 1-2 Sockets with Unlimited Virtual Machines with Lenovo Support 1 Year	S142
SUSE CaaS Platform x86-64 1-2 Sockets with Unlimited Virtual Machines with Lenovo Support 3 Year	S143
SUSE CaaS Platform x86-64 1-2 Sockets with Unlimited Virtual Machines with Lenovo Support 5 Year	S144
SUSE CaaS Platform x86-64 1-2 Sockets with Unlimited Virtual Machines Priority with SUSE Support 1 Year	S145
SUSE CaaS Platform x86-64 1-2 Sockets with Unlimited Virtual Machines Priority with SUSE Support 3 Year	S146
SUSE CaaS Platform x86-64 1-2 Sockets with Unlimited Virtual Machines Priority with SUSE Support 5 Year	S147

The following table lists the ordering part numbers.

Table 8. SUSE Containers as a Service Platform part numbers

Description	NA/AP SEO Code	EMEA/LA SEO Code
SUSE CaaS Platform 1-2 Sockets or 1 VM Pri SUSE Support 1Yr	01DC316	01DC316
SUSE CaaS Platform 1-2 Sockets or 1 VM Pri SUSE Support 3Yr	01DC317	01DC317
SUSE CaaS Platform 1-2 Sockets or 1 VM Pri SUSE Support 5Yr	01DC318	01DC318

SUSE Storage

This section provides information on SUSE Storage. This portfolio contains object and file storage solutions contained in SUSE (Ceph) Storage subscriptions.

- SUSE Ceph Storage.** SUSE Ceph Storage is an open, massively scalable storage solution for modern workloads like cloud infrastructure, data analytics, media repositories, and backup and restore systems. SUSE Ceph Storage delivers software-defined storage on your choice of industry-standard hardware. With block, object, and file storage combined into one platform, SUSE Ceph Storage efficiently and automatically manages all your data. SUSE Storage subscriptions are sold in a bundle. The “Base Configuration” SKU supports up to four 2-socket Storage nodes or up to five 2-socket Monitor nodes and one Storage Management node. The “Expansion Node” SKU is for a 2-socket additional storage node.

The following table lists the ordering feature codes.

Table 9. SUSE Storage (Ceph) Subscription feature codes

Description	Feature code
SUSE Enterprise Storage Base Configuration Priority Subscription w/Lenovo Support 1Yr	S0MV
SUSE Enterprise Storage Base Configuration Priority Subscription w/Lenovo Support 3Yr	S0MW
SUSE Enterprise Storage Expansion Node Priority Subscription w/Lenovo Support 1Yr	S0MX
SUSE Enterprise Storage Expansion Node Priority Subscription w/Lenovo Support 3Yr	S0MY

The following table lists the ordering part numbers.

Table 10. SUSE Storage (Ceph) Subscription part numbers

Description	NA/AP SEO Code	EMEA/LA SEO Code
SUSE Enterprise Storage Base Configuration Priority SUSE Support 1Yr	00YC106	00YC216
SUSE Enterprise Storage Base Configuration Priority SUSE Support 3Yr	00YC107	00YC217
SUSE Enterprise Storage Expansion Node Priority SUSE Support 1Yr	00YC108	00YC218
SUSE Enterprise Storage Expansion Node Priority SUSE Support 3Yr	00YC109	00YC219

SUSE Manager

This section provides information on SUSE management products.

- SUSE Manager Server.** SUSE Manager is software that can automate all aspects of IT environments and processes. The SUSE Manager subscriptions sold by Lenovo are sold by number of nodes vs per socket. Current offers include management for up to 50 nodes per subscription. SUSE Manager was designed to help your enterprise DevOps and IT Operations teams reduce complexity and regain control of their IT assets with a single tool to manage Linux systems across a variety of hardware architectures, hypervisors as well as containers, IoT and cloud platforms. It automates Linux server and IoT device provisioning, patching and configuration for faster, consistent and repeatable server deployments helping to optimize operations and reduce costs. And with automated monitoring, tracking, auditing and reporting of your systems, VMs, and containers across your development, test and production environments, you can ensure compliance with internal security policies and external regulations.
- SUSE Manager Proxy Server.** SUSE Manager Proxy provides mirroring proxy support for large and distributed environments. Operation of the proxy is completely transparent. The SUSE Manager Proxy looks like a managed client to SUSE Manager Server, and like a Server to the managed

clients. The proxy server lowers bandwidth needs and provides faster local updates for environments with more than 300 servers or deployments across dispersed geographical locations

- **SUSE Manager Lifecycle Management.** This subscription delivers functionality for updating servers. It also includes advanced server management capabilities that increase your Linux environment's scalability and enhance your IT staff productivity. It enables you to deploy, configure and redeploy Linux systems from a single, centralized console. Simplify management and reduce operational expenditure with enhanced package staging and improved APIs for managing packages, patches and configurations. Moving packages across multiple stages, such as development, QA and production, is now a simple UI-based task.
- **SUSE Manager Monitoring.** A so-called monitoring scout will execute commands via ssh on the client and gather data from the output. So, the configuration of monitoring mainly consists in allowing the server to remotely execute commands on the clients.

The following table lists the ordering feature codes.

Table 11. SUSE Manager Subscription feature codes

Description	Feature code
SUSE Manager Server Priority Subscription w/Lenovo Support 1Yr	S0M5
SUSE Manager Server Priority Subscription w/Lenovo Support 3Yr	S0M6
SUSE Manager Server 50 Managed Instances Priority Subscription w/Lenovo Support 1Yr	S0M7
SUSE Manager Server 50 Managed Instances Priority Subscription w/Lenovo Support 3Yr	S0M8
SUSE Manager Proxy Server Priority Subscription w/Lenovo Support 1Yr	S0M9
SUSE Manager Proxy Server Priority Subscription w/Lenovo Support 3Yr	S0MA
SUSE Manager Lifecycle Management 2 skt/2 VM Priority Subscription w/Lenovo Support 1Yr	S0MB
SUSE Manager Lifecycle Management 2 skt/2 VM Priority Subscription w/Lenovo Support 3Yr	S0MC
SUSE Manager Lifecycle Mgmt Unlimited VMs Priority Subscription w/Lenovo Support 1Yr	S0MD
SUSE Manager Lifecycle Mgmt Unlimited VMs Priority Subscription w/Lenovo Support 3Yr	S0ME
SUSE Manager Monitoring 2 socket/2 VM Priority Subscription w/Lenovo Support 1Yr	S0MF
SUSE Manager Monitoring 2 socket/2 VM Priority Subscription w/Lenovo Support 3Yr	S0MG
SUSE Manager Monitoring Unlimited VMs Priority Subscription w/Lenovo Support 1Yr	S0MH
SUSE Manager Monitoring Unlimited VMs Priority Subscription w/Lenovo Support 3Yr	S0MJ

The following table lists the ordering part numbers.

Table 12. SUSE Manager Subscription part numbers

Description	NA/AP SEO Code	EMEA/LA SEO Code
SUSE Manager Server Pri SUSE Support 1Yr	00YC065	00YC175
SUSE Manager Server Pri SUSE Support 3Yr	00YC066	00YC176
SUSE Manager Server 50 Managed Instances Pri SUSE Support 1Yr	00YC067	00YC177
SUSE Manager Server 50 Managed Instances Pri SUSE Support 3Yr	00YC068	00YC178
SUSE Manager Proxy Server Pri SUSE Support 1Yr	00YC069	00YC179
SUSE Manager Proxy Server Pri SUSE Support 3Yr	00YC070	00YC180
SUSE Manager Lifecycle Management 2 skt/2 VM Pri SUSE Support 1Yr	00YC071	00YC181
SUSE Manager Lifecycle Management 2 skt/2 VM Pri SUSE Support 3Yr	00YC072	00YC182
SUSE Manager Lifecycle Mgmt Unlimited VMs Pri SUSE Support 1Yr	00YC073	00YC183
SUSE Manager Lifecycle Mgmt Unlimited VMs Pri SUSE Support 3Yr	00YC074	00YC184
SUSE Manager Monitoring 2 socket/2 VM Pri SUSE Support 1Yr	00YC075	00YC185
SUSE Manager Monitoring 2 socket/2 VM Pri SUSE Support 3Yr	00YC076	00YC186
SUSE Manager Monitoring Unlimited VMs Pri SUSE Support 1Yr	00YC077	00YC187
SUSE Manager Monitoring Unlimited VMs Pri SUSE Support 3Yr	00YC078	00YC188
SUSE Mgr Mgmt for Microsoft Sys Ctr SCOM Instance Std SUSE Supp 1Yr	00YC079	00YC189

Additional subscriptions

This section provides a listing of additional subscriptions available for sell by Lenovo that come with only SUSE support. Customers must call SUSE directly for any software related issues. These are “duplicate” subscriptions of those previously listed in this document offering Lenovo Support (referred to as “OEM” subscriptions).

Table 13. Additional subscriptions

Description	NA/AP SEO Code	EMEA/LA SEO Code
SLES X86 2 Socket Pri SUSE Support 1Yr	00YC006	00YC116
SLES X86 2 Socket Pri SUSE Support 3Yr	00YC007	00YC117
SLES X86 2 Socket Pri SUSE Support 5Yr	00YC008	00YC118
SLES X86 2 Socket Virt Unlimited Pri SUSE Support 1Yr	00YC009	00YC119
SLES X86 2 Socket Virt Unlimited Pri SUSE Support 3Yr	00YC010	00YC120
SLES X86 2 Socket Virt Unlimited Pri SUSE Support 5Yr	00YC011	00YC121
SLES X86 2 Socket Std SUSE Support 1Yr	00YC018	00YC128
SLES X86 2 Socket Std SUSE Support 3Yr	00YC019	00YC129
SLES X86 2 Socket Std SUSE Support 5Yr	00YC020	00YC130
SLES X86 2 Socket Virt Unlimited Std SUSE Support 1Yr	00YC021	00YC131
SLES X86 2 Socket Virt Unlimited Std SUSE Support 3Yr	00YC022	00YC132
SLES X86 2 Socket Virt Unlimited Std SUSE Support 5Yr	00YC023	00YC133

SUSE-Lenovo part number lookup

The following table lists the SUSE part numbers and the corresponding Lenovo feature codes and part numbers.

Table 14. Reference of SUSE Part Numbers, SEO Codes and Feature Codes

SUSE Part Number	SEO Code	Feature code	NA/AP SEO Code	EMEA/LA SEO Code
662644476643	None	None	00YC090	00YC200
662644476650	None	None	00YC091	00YC201
662644476667	None	None	00YC088	00YC198
662644476674	None	None	00YC089	00YC199
662644476681	None	None	00YC092	00YC202
662644476698	None	None	00YC093	00YC203
662644476704	None	None	00YC098	00YC208
662644476711	None	None	00YC099	00YC209
662644476728	None	None	00YC071	00YC181
662644476735	None	None	00YC072	00YC182
662644476742	None	None	00YC075	00YC185
662644476759	None	None	00YC076	00YC186
662644476766	None	None	00YC073	00YC183
662644476773	None	None	00YC074	00YC184
662644476780	None	None	00YC077	00YC187
662644476797	None	None	00YC078	00YC188
662644476827	None	None	00YC067	00YC177
662644476834	None	None	00YC065	00YC175
662644476841	None	None	00YC066	00YC176
662644476858	None	None	00YC069	00YC179
662644476865	None	None	00YC070	00YC180
662644476872	None	None	00YC079	00YC189
662644476902	None	None	00YC068	00YC178
662644477329	None	None	00YC039	00YC149
662644477336	None	None	00YC040	00YC150
662644477343	None	None	00YC041	00YC151
662644477381	None	None	00YC042	00YC152
662644477398	None	None	00YC043	00YC153
662644477404	None	None	00YC044	00YC154
662644477443	None	None	00YC006	00YC116
662644477444	None	None	00YC009	00YC119
662644477445	7S0G0001WW	S0LF	None	None
662644477446	7S0G0004WW	S0LJ	None	None
662644477447	None	None	00YC018	00YC128
662644477448	None	None	00YC021	00YC131
662644477449	7S0G0007WW	S0LM	None	None

SUSE Part Number	SEO Code	Feature code	NA/AP SEO Code	EMEA/LA SEO Code
662644477450	7S0G000AWW	S0LQ	None	None
662644477451	None	None	00YC007	00YC117
662644477452	None	None	00YC010	00YC120
662644477453	7S0G0002WW	S0LG	None	None
662644477454	7S0G0005WW	S0LK	None	None
662644477455	None	None	00YC019	00YC129
662644477456	None	None	00YC022	00YC132
662644477457	7S0G0008WW	S0LN	None	None
662644477458	7S0G000BWW	S0LR	None	None
662644477459	None	None	00YC008	00YC118
662644477460	None	None	00YC011	00YC121
662644477461	7S0G0003WW	S0LH	None	None
662644477462	7S0G0006WW	S0LL	None	None
662644477463	None	None	00YC020	00YC130
662644477464	None	None	00YC023	00YC133
662644477465	7S0G0009WW	S0LP	None	None
662644477466	7S0G000CWW	S0LS	None	None
662644477467	None	None	00YC030	00YC140
662644477468	None	None	00YC033	00YC143
662644477469	None	None	00YC031	00YC141
662644477470	None	None	00YC034	00YC144
662644477471	None	None	00YC032	00YC142
662644477472	None	None	00YC035	00YC145
662644477473	7S0G000DWW	S0LT	None	None
662644477474	7S0G000GWW	S0LW	None	None
662644477475	7S0G000EWW	S0LU	None	None
662644477476	7S0G000HWW	S0LX	None	None
662644477477	7S0G000FWW	S0LV	None	None
662644477478	7S0G000JWW	S0LY	None	None
662644477479	7S0G000KWW	S0LZ	None	None
662644477479	None	None	00YC045	00YC155
662644477480	7S0G000LWW	S0M0	None	None
662644477480	None	None	00YC046	00YC156
662644477481	7S0G000MWW	S0M1	None	None
662644477481	None	None	00YC047	00YC157
662644477482	7S0G000NWW	S0M2	None	None
662644477482	None	None	00YC048	00YC158
662644477483	7S0G000PWW	S0M3	None	None
662644477483	None	None	00YC049	00YC159
662644477484	7S0G000QWW	S0M4	None	None
662644477484	None	None	00YC050	00YC160

SUSE Part Number	SEO Code	Feature code	NA/AP SEO Code	EMEA/LA SEO Code
662644477485	7S0G000RWW	S0M5	None	None
662644477488	7S0G000SWW	S0M6	None	None
662644477491	7S0G000TWW	S0M7	None	None
662644477492	7S0G000UWW	S0M8	None	None
662644477493	7S0G000VWW	S0M9	None	None
662644477494	7S0G000WWW	S0MA	None	None
662644477495	7S0G000XWW	S0MB	None	None
662644477496	7S0G000YWW	S0MC	None	None
662644477497	7S0G000ZWW	S0MD	None	None
662644477498	7S0G0010WW	S0ME	None	None
662644477501	7S0G0011WW	S0MF	None	None
662644477502	7S0G0012WW	S0MG	None	None
662644477503	7S0G0013WW	S0MH	None	None
662644477504	7S0G0014WW	S0MJ	None	None
662644477507	7S0G0017WW	S0MM	None	None
662644477508	7S0G0018WW	S0MN	None	None
662644477509	7S0G0015WW	S0MK	None	None
662644477510	7S0G0016WW	S0ML	None	None
662644477511	7S0G0019WW	S0MP	None	None
662644477512	7S0G001AWW	S0MQ	None	None
662644477513	7S0G001BWW	S0MR	None	None
662644477514	7S0G001CWW	S0MS	None	None
662644477515	None	None	00YC106	00YC216
662644477516	None	None	00YC107	00YC217
662644477517	None	None	00YC108	00YC218
662644477518	None	None	00YC109	00YC219
662644477519	7S0G001FWW	S0MV	None	None
662644477520	7S0G001GWW	S0MW	None	None
662644477521	7S0G001HWW	S0MX	None	None
662644477522	7S0G001JWW	S0MY	None	None
662644477629	None	None	00YC100	00YC210
662644477630	None	None	00YC101	00YC211
662644477631	7S0G001DWW	S0MT	None	None
662644477632	7S0G001EWW	S0MU	None	None
662644477671	None	None	01GU822	01GU822
662644477688	None	None	01GU821	01GU821
662644477695	7S0G001LWW	S0N0	None	None
662644477701	7S0G001MWW	S0N1	None	None
662644478920	7S0GCTO1WW	S142	None	None
662644478944	7S0GCTO1WW	S145	None	None
662644478968	7S0GCTO1WW	S143	None	None

SUSE Part Number	SEO Code	Feature code	NA/AP SEO Code	EMEA/LA SEO Code
662644478982	7S0GCTO1WW	S146	None	None
662644479002	7S0GCTO1WW	S144	None	None
662644479026	7S0GCTO1WW	S147	None	None
662644479033	7S0GCTO1WW	S13X	None	None
662644479040	7S0GCTO1WW	S13Y	None	None
847-007492	7S0G001NWW	S0N2	None	None
874-006660	7S0G001KWW	S0MZ	None	None
874-007486	None	None	01DC316	01DC316
874-007488	None	None	01DC317	01DC317
874-007490	None	None	01DC318	01DC318
874-007493	7S0G001PWW	S0N3	None	None
874-007494	7S0G001QWW	S0N4	None	None

Subscription FAQ

Additional information about subscriptions.

1. Q: What types of SUSE subscriptions does Lenovo offer?

A: Lenovo offers OEM subscriptions and Resell subscriptions for SUSE Linux, HPC, SAP, Containers and Ceph storage. “OEM” subscriptions come with industry leading 24x7 support from Lenovo offering a single point to call for any hardware or software issues. Please refer to the product list found in this document.

2. Q: How is SUSE Linux Enterprise Server sold?

A: SUSE subscriptions are sold in 1, 3 and 5-year options. These are not “licenses” but are subscriptions that provide access to all software downloads, patches, upgrades, etc. and the ability to contact Lenovo or SUSE for support. Support will be either 12x5 or 24x7 terms. Subscriptions are delivered from Lenovo to the customer.

3. Q: How are the SUSE subscriptions delivered?

A: SUSE subscription keys are inventoried by Lenovo and delivered via the Lenovo Key Management System (LKMS). Customers are sent an Authorization Code used to register the purchase on the LKMS. The actual subscription keys are then emailed to the customer to register at the customer’s SUSE user account.

4. Q: Can I reassign a SUSE subscription in the case of new hardware or a disaster recovery scenario?

A: Yes, SUSE subscriptions can be reassigned to a new server by changing the server on the customer’s SUSE account.

Lenovo compatibility

The Lenovo Server Operating System Interoperability Guide (OSIG) is a comprehensive source of information about operating system compatibility with Lenovo servers. It includes servers in the ThinkSystem, ThinkAgile, System x, ThinkServer, NeXtScale, Flex System and BladeCenter product families and covers servers that are currently supported by Lenovo under warranty.

For more information, please visit the OSIG page at <http://lenovopress.com/osig>. Use the dropdown menus to filter and fine tune your search. In each of the search results, the support statement column contains clickable links that opens a popup window with details about the support.

For Lenovo option compatibility, the Lenovo ServerProven® program validates selected products for compatibility with all Lenovo ThinkSystem servers. Through the ServerProven Program, Lenovo works with industry leaders to test their equipment with Lenovo products.

For compatibility information, please visit the ServerProven site at <http://www.lenovo.com/us/en/serverproven/>. For more details, please click on the Lenovo product. For compatibility with OS, please click on the green + button to expand the section.

Support from Lenovo

Lenovo Support provides comprehensive, single-source support for a wide range of server operating systems including SUSE Linux. Lenovo provides 24x7x365 service for critical problems, and support during business hours for noncritical problems. If live phone help is unavailable during those service windows, responses are provided within 2 hours.

For more information on SUSE Linux support, see the following web page:
<https://datacentersupport.lenovo.com/solutions/HT507837>

Additional resources

For more information about these SUSE offerings from Lenovo, see the following links:

- [Lenovo Reference Architecture: SUSE with Lenovo Intelligent Insights with SAP Data Hub](#)
- [Flyer: Capture the Power of High-Performance Computing with SUSE and Lenovo](#)
- [Flyer: Grow Your SAP Applications with Lenovo and SUSE](#)

Related product families

Product families related to this document are the following:

- [SUSE Linux Enterprise Server](#)

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