

# Data Sheet

SUSE Linux Enterprise Server for Arm  
Highly scalable and optimized for wide range  
of use cases – from servers to IoT.

## Product Overview

SUSE Linux Enterprise Server for Arm is the industry's first generally available, enterprise-grade Linux distribution tailored for devices with 64-bit Arm chipset (AArch64 architecture). Highly scalable and versatile, it is designed to reduce time and simplify the deployment of systems and devices, based on broad set of energy-efficient, yet highly performant Arm System-on-Chip (SoC) platforms. Reliable, secure and fully supported by SUSE, SUSE Linux Enterprise Server for Arm is suitable for a wide range of use-cases – from the tiny edge to the cloud and from IoT workload to HPC/AI/ML servers.

## Key Features and Benefits

SUSE Linux Enterprise Server for Arm is a complete and powerful enterprise-grade operating system. The operating system contains a rich set of features and advanced technology helping business customers to deliver increased reliability of their devices and services, reduce costs and gain competitive advantage. By using SUSE Linux Enterprise Server for Arm SUSE enterprise customers can –

- **Deliver highly performant systems.** SUSE Linux Enterprise Server for Arm, as a member of SUSE Enterprise Linux Server family, inherits a comprehensive set of enterprise-grade features and designed to maximize

the capabilities of energy-efficient, yet powerful 64-bit Arm chipsets (AArch64 architecture).

- **Reduce complexity of IT infrastructure and operations.** SUSE Linux Enterprise Server for Arm is a versatile and scalable OS for a wide range of deployments. Suitable for deployments in Industrial Edge and in the traditional datacenter IT, SUSE Linux Enterprise Server for Arm is a universal operating system to support the convergence of IT/OT.
- **Reduce risks and downtime with built-in reliability and error recovery features.** SUSE Linux Enterprise Server for Arm, by default, is set to use Btrfs filesystem snapshots to enable quick boot recovery of the OS in case of system storage failure.
- **Reduce time to market with deployment-ready enterprise-grade OS.** In addition to the necessary drivers for GPUs, SmartNICs and other hardware accelerators, SUSE Linux Enterprise Server for Arm includes a range of drivers for commonly found industrial hardware platforms to enable SUSE customers to exploit the unique Armv8-A features. SUSE [Yes Certification](#) and [Arm System Ready Program](#) guarantees hardware compatibility.
- **Accelerate innovation at the Edge and IoT.** [SUSE Embedded](#) suite contains a complete set of trusted and reliable SUSE open-source software components tailored for embedded device design and development.

- **Simplify the development and increase applications performance with OS optimization tools.** GNU Compiler Collection (GCC) facilitates applications development to exploit the latest Arm architectural features. Tracing tools help to optimize applications performance.
- **Optimize OPEX.** A flexible [Support](#) model offers consulting and training options to best suit customer needs.
- **Trust and rely on renown SUSE [Services](#).**

#### Minimum system requirements

- CPU – a processor that supports the Armv8-A instruction set architecture (ISA)
- A supported SoC
- Memory – minimum is 1024Mb
- HDD – 1.5GB (for text mode) to 4GB (for all patterns)

More information can be found in [Deployment Guide](#) and [Release Notes](#).

#### Further information and sales contact

For detailed information visit: <https://www.suse.com/products/arm/>.

For sales enquiries, please contact SUSE sales team

- EMEA – [Sales-Inquiries-EMEA@suse.com](mailto:Sales-Inquiries-EMEA@suse.com)
- NA – [Sales-Inquiries-NA@suse.com](mailto:Sales-Inquiries-NA@suse.com)
- APAC – [Sales-Inquiries-APAC@suse.com](mailto:Sales-Inquiries-APAC@suse.com)

SUSE  
Maxfeldstrasse  
90409 Nuremberg  
[www.suse.com](http://www.suse.com)

For more information, contact SUSE at:  
+1 800 796 3700 (U.S./Canada)  
+49 (0)911-740 53-0 (Worldwide)

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