

What operating system is best to install on an AI server



Overview

While various operating systems can support AI workflows, Linux remains the preferred choice due to its open-source nature, flexibility, and extensive compatibility with AI frameworks, GPU acceleration, and cluster computing. As we advance into 2025, the landscape of Linux distributions tailored for AI and machine learning has become more diverse. Linux remains the #1 choice for AI/ML engineers thanks to its insane flexibility, raw performance, ultra-active open-source ecosystem, and — in 2026 — better hardware support than ever before (shout-out to Canonical for NVIDIA/AMD auto-drivers in Ubuntu 24. 04, and to Red Hat and Fedora for. Choosing the right operating system is vital for developers, data scientists, and researchers. This article explores the best Linux distributions, configurations, and tools for creating efficient remote AI development environments. It covers both workstation-level setups and cloud-hosted.



Article Content

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When choosing the right operating system for your AI server setup, consider factors such as compatibility with your AI frameworks, ease of management, security features, and support for ...

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Best Linux Distributions for AI and Machine Learning in 2025

This comprehensive guide aims to explore the best Linux distributions for AI and machine learning in 2025, their key features, usage methods, common practices, and best practices to maximize ...

Best Linux Distributions for AI and Machine Learning in 2026

In this guide (updated March 2026), I'll walk you through the best Linux distributions for AI and machine learning this year — the ones that genuinely combine strong hardware support, up-to ...

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