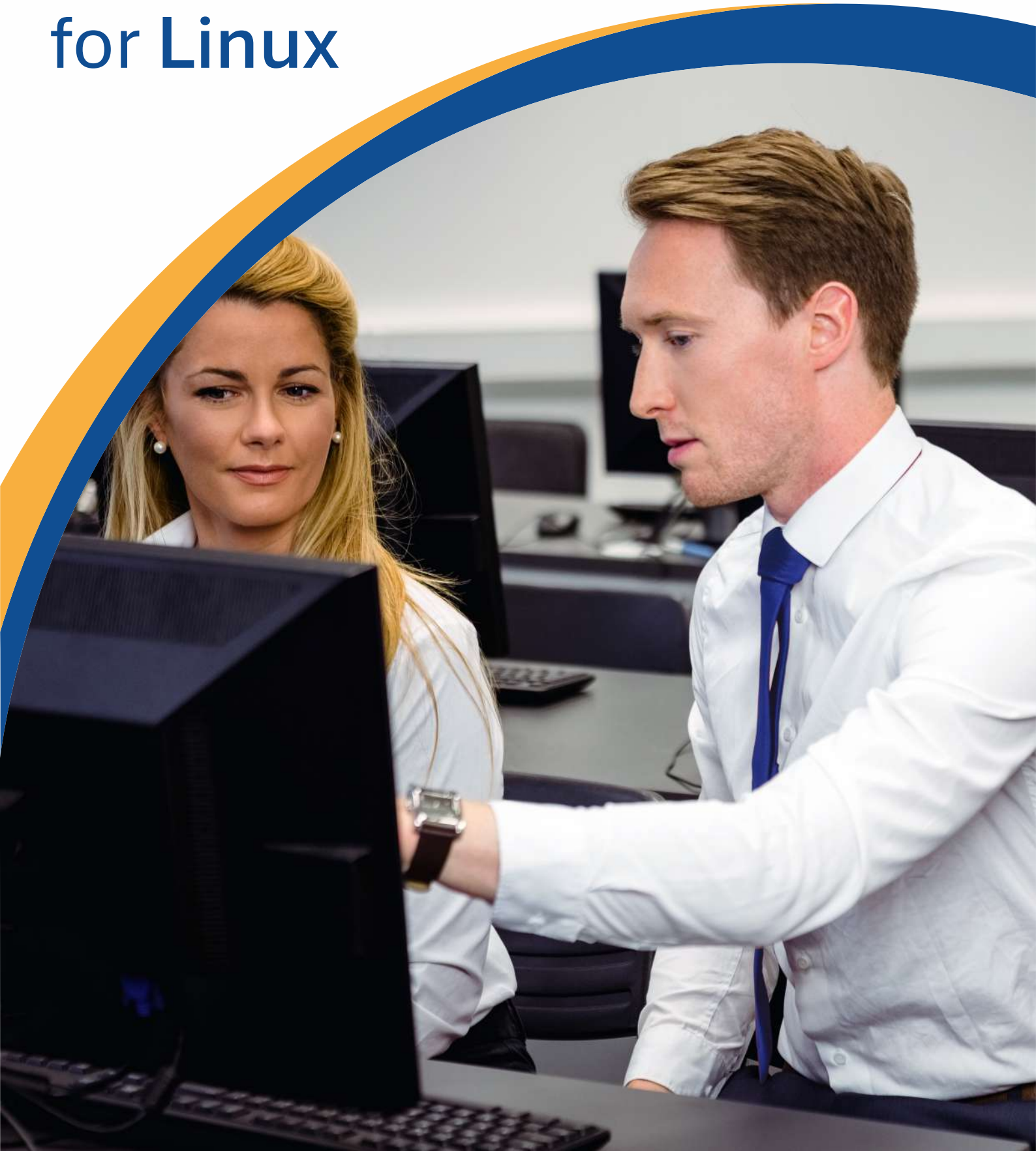


# Cloud OS for Linux



# Overview

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CloudX OS for Linux is a high-performance, secure, and cost-effective operating system designed to optimize edge computing. Built for enterprises looking for a robust Linux-based solution, it offers seamless device management, enhanced security, and an intuitive user experience.

## Ideal Use Cases

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- ✓ Enterprises seeking a cost-effective, Linux-based thin client solution
- ✓ Organizations prioritizing security and compliance in endpoint computing
- ✓ Businesses looking to extend the lifecycle of their hardware while improving performance
- ✓ Companies adopting VDI, cloud computing, and remote desktop environments

## Why Choose CloudX OS for Linux?

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### Enhanced Security

Keep your endpoints safe with enterprise-grade security features, including encryption, firewall protection, & advanced threat detection.



### Seamless Device Management

Easily manage all endpoints using a centralized, intuitive management console.



### Lightweight & High-Performance

Optimized for speed & efficiency, ensuring fast boot times & smooth performance.



### Cost-Effective Solution

Reduce operational costs while leveraging open source components



### Customizable & Scalable

Customize the OS to fit your organization's needs and scale effortlessly as your business grows.

# Key Features of CloudX OS for Linux



## Built-in Firewall & Encryption

Protects sensitive data and ensures network security.



## Multi-Factor Authentication

Adds an extra layer of security for endpoint access.



## Regular Security Updates

Stay ahead of emerging threats with frequent updates.



## Remote Configuration & Updates

Manage devices from anywhere with ease.



## User Access Controls

Assign permissions and restrict access as needed.



## Automated Maintenance

Schedule updates and patches without disrupting operations.



## Cloud & Virtualization Ready

Works seamlessly with VDI environments.



## Cross-Platform Compatibility

Supports various hardware configurations.



## Customizable User Interface

Customize the desktop experience for different roles & departments.



## Data Loss Prevention

Restrict Downloads and USB Storage.

## Technical Details

### CloudX OS Requirements

- ✔ Minimum 8GB Storage Disk Space
- ✔ Minimum 2GB RAM
- ✔ USB-boot capable

### Installation Methods

- ✔ Bootable USB Drive
- ✔ PXE Boot Installation

## Specifications

- ✓ Quick Boot Times
- ✓ Virtualization Support (Citrix, VMWare and RDWeb)
- ✓ User Snapshots – revert to user-defined configurations
- ✓ Peer Update – follow master and update all devices in the network
- ✓ Configurable System Tray and Start Menu Properties
- ✓ USB Device Manager – manage USB devices by Vendor, Product ID, Make, and Model
- ✓ Firewall – restrict IPs, Ports and URLs
- ✓ Crontab – execute tasks at a predefined time and/or interval
- ✓ Digital Certificate Manager, ADS, LDAP and Local User Authentication
- ✓ Single Sign-on support, Appliance Mode – use only assigned protocols and/or applications
- ✓ Modular User Access Control – restrict usage of advanced functionality by User
- ✓ Restore factory settings, without disturbing connection-related configurations
- ✓ Services – CUPS, LPD, SAMBA, FCron, SNMPD, VNC
- ✓ CUPS, SMB, IPP, LPD printing with PrintQueue management
- ✓ Fail-over, Multi-session and Ending option for connections
- ✓ Custom Scripts and Environment Variables
- ✓ Support for locally attached USB scanners
- ✓ Run limited Windows applications, using Wine
- ✓ Tool for recording, saving and playback of audio and video



**Linux**

## Solutions you may be interested in

We offer a range of virtualization solutions that include

Cloud **X**OS

For Thin Client  
Suite for Windows

Unified **X**PRO

Device Manager

Unified **X**UEM

(Unified Endpoint  
Management)

Unified **X**VC

(Ultra Converged  
Infrastructure)