Dell ThinOS 10.x Hardware Compatibility List

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DELL Technologies

Notes, cautions, and warnings

NOTE: A NOTE indicates important information that helps you make better use of your product.

CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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Introduction

Dell ThinOS 10.x is a secure, deployment-ready operating system that is designed to enable thin client device functionality on endpoints that meet minimal resource requirements. It provides integrated connectivity to widely used VDI environments and includes advanced features for unified communications optimization, authentication, and device monitoring.

ThinOS 10.x can be installed and licensed by customers using Wyse Management Suite Pro on any compatible endpoint, or it can be preinstalled and licensed as a factory-installed operating system on specific Dell endpoints.

You can use the ThinOS 10.x Compatibility Checker, included in the standard USB installation image to validate endpoint devices. It confirms compatibility for devices that are tested and certified by Dell. For devices that are not certified, the ThinOS 10.x Compatibility Checker performs a diagnostic check to ensure that minimum resource and component requirements are met. If a device passes the diagnostic check, it is recommended that you validate it within your environment before production deployment.

Related Links:

Reference materials and supporting documentation

Topics:

- Document purpose
- Intended audience

Document purpose

This document outlines the eligibility criteria for endpoint devices that support Dell ThinOS 10.x 2602. Devices are considered eligible if they:

- Are listed in the official ThinOS 10.x Hardware Compatibility List (HCL) document.
- Are shipped from Dell with Ubuntu 24.04 for Managed Clients.
- Meet the minimum hardware requirements validated by the ThinOS 10.x Compatibility Checker.

Intended audience

This document is intended for IT administrators responsible for:

- Evaluating device compatibility using the ThinOS 10.x Compatibility Checker.
- Planning ThinOS 10.x deployments across Dell and non-Dell hardware platforms.

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Important notes

This chapter outlines key considerations for platform validation, licensing, and deployment of ThinOS 10.x.

Minimum supported configuration

- ThinOS 10.x 2508 (or later) requires a minimum of:
  - 32 GB storage
  - 4 GB RAM

Licensing requirements

- Dell endpoints
  - Devices running Ubuntu 24.04 for Managed Clients or other Dell OS offerings that are converted to ThinOS 10 using Wyse Management Suite (WMS) or BIOS USB Key Imaging require a ThinOS 10 Dell Subscription License.
  - This license is managed by the WMS administrator.
- Third party endpoints:
  - Devices from non-Dell vendors converted to ThinOS 10.x using BIOS USB Key Imaging require a ThinOS 10 Third-Party Subscription License.
  - This license is also managed by the WMS administrator.

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ThinOS 10.x Hardware Compatibility List

The Hardware Compatibility List (HCL) identifies all systems that are tested and validated by Dell for use with ThinOS 10.x. ThinOS 10.x can also run on a wide range of Dell and non-Dell commercial client devices that meet the minimum hardware and component requirements.

- Devices not listed—For any Dell or non-Dell device not in the Hardware Compatibility List (HCL), customers may use the USB imaging process to load the ThinOS 10.x ISO. This automatically launches the ThinOS Compatibility Checker, which evaluates whether the device meets the minimum supported requirements. Devices that pass can be repurposed for ThinOS 10.x. Customers must validate performance in their specific use case before large-scale deployment.
- Dell commercial devices not listed—Customers can request validation of additional devices through their Dell Sales representative.

For more information, see the Dell ThinOS 10.x Compatibility Checker User Guide.

The following table categorizes ThinOS 10.x supported platforms that are based on Dell Technologies validation levels:

- Validated Platforms—All configuration settings have been tested, and feature functionality is confirmed to be compatible with ThinOS 10.x.
- Qualified Platforms—Systems are qualified for ThinOS 10.x based on validated platform equivalency. Customers should test desired functionality in their own environment to confirm compatibility with their expected use case as some functionality may not be fully supported.

ThinOS 10.x Hardware Compatibility List—Validated Platforms

This table lists platforms that are fully validated for ThinOS 10.x, confirming that all configuration settings and features are tested and fully compatible.

Table 1. ThinOS 10.x Hardware Compatibility List—Validated Platforms

Platform	Models
Dell Wyse	Dell Wyse 5070 Thin Client
	Dell Wyse 5070 Extended Thin Client
	Dell Wyse 5470 Mobile Thin Client
	Dell Wyse 5470 All-in-One
Dell OptiPlex	Dell OptiPlex 3000 Thin Client **NOTE:** This device is available from the factory with ThinOS pre-installed.
	Dell OptiPlex 5400 All-in-One
	Dell OptiPlex All-In-One 7410
	Dell OptiPlex All-in-One 7420
	Dell OptiPlex Micro Plus 7010
	Dell OptiPlex Micro Plus 7020
Dell Workstations	Dell Precision 3280
	Dell Precision 3260 Compact
Dell Latitude	Dell Latitude 3420

Table 1. ThinOS 10.x Hardware Compatibility List—Validated Platforms (continued)

Platform	Models
	Dell Latitude 3440
	Dell Latitude 3330
	Dell Latitude 3450
	Dell Latitude 5440
	Dell Latitude 5450
	Dell Latitude 5520
	Dell Latitude 5530
	Dell Latitude 5540
	Dell Latitude 5550
Dell Pro Series **NOTE:** Select the Ubuntu 24.04 for Managed Clients OS option when ordering new devices to enable automated ThinOS 10.x conversion and ensure a valid configuration.	Dell Pro Micro Thin Client Q9M1260 **NOTE:** This device is available from the factory with ThinOS pre-installed.
	Dell Pro 14 PC14250 **NOTE:** This device is available from the factory with ThinOS pre-installed.
	Dell Pro 24 All-in-One QC24251 **NOTE:** This device is available from the factory with ThinOS pre-installed.
	Dell Pro 24 All-in-One QC24250
	Dell Pro 24 All-in-One Plus QB24250
	Dell Pro 16 Plus PB16250
	Dell Pro 16 PC16250
	Dell Pro Micro QCM1250
	Dell Pro Max 16 Plus MB16250
	Dell Pro Max 14 MC14250 **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
	Dell Pro Max 16 MC16260 **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
	Dell Pro Tower QCT1250
	Dell Pro Tower Plus XE5 OEM QBT1250 **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
	Dell Pro Slim Plus QBS1250
	Dell Pro Slim Plus XE5 OEM QBS1250 **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.

Table 1. ThinOS 10.x Hardware Compatibility List—Validated Platforms (continued)

Platform	Models
	Dell Pro Rugged 13 RA13250
	Dell Pro Rugged 14 RB14250
	Dell Pro 14 Plus PB14250
	Dell Pro 13 Plus PB13250
Amulet Hotkey **NOTE:** If you deploy ThinOS 10.x on a non-Dell device, any hardware support must be obtained directly from the device manufacturer. Dell provides support only for ThinOS software.	Amulet Hotkey DX1500 series **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
Medix 24 v3 **NOTE:** If you deploy ThinOS 10.x on a non-Dell device, any hardware support must be obtained directly from the device manufacturer. Dell provides support only for ThinOS software.	Tangent Medix 24 v3 **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.

NOTE: Dell units may be ordered with the Ubuntu 24.04 for Managed Clients option, allowing the device to be deployed out of the box, automatically connect to WMS, and convert to ThinOS without manual intervention. Contact your Dell sales representative for information on supported models.

ThinOS 10.x Hardware Compatibility List—Qualified Platforms

This table lists platforms that are qualified for ThinOS 10.x based on validated platform equivalency, and customers are advised to test their required functionality in their own environments to ensure compatibility.

Table 2. ThinOS 10.x Hardware Compatibility List—Qualified Platforms

Platform	Models
Dell Workstations	Dell Precision 3490
	Dell Precision 3491
	Dell Precision 3590
	Dell Precision 3680
	Dell Precision 5690
Dell Latitude (DHC enabled platforms)	Dell Latitude 3550
	Dell Latitude 7350
	Dell Latitude 7450
	Dell Latitude 7650
Dell Pro Series **NOTE:** Select the Ubuntu 24.04 for Managed Clients OS option when ordering new devices to enable automated ThinOS 10.x conversion and ensure a valid configuration.	Dell Pro Micro XE QBM1250 **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
	Dell Pro Micro Plus QBM1250

Table 2. ThinOS 10.x Hardware Compatibility List—Qualified Platforms (continued)

Platform	Models
	NOTE: This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
	Dell Pro Tower Plus QBT1250 **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
	Dell Pro Slim Low SFF QCS1250 **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
	Dell Pro Micro Plus FCM2250 (Verified for Intel Chipset) **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
	Dell Pro Max Micro XE FCM2250 (Verified for Intel Chipset) **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
	Dell Pro Micro Plus QCM1255 **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.
Amulet Hotkey **NOTE:** If you deploy ThinOS 10.x on a non-Dell device, any hardware support must be obtained directly from the device manufacturer. Dell provides support only for ThinOS software.	Amulet Hotkey DX1700 series **NOTE:** This device can be repurposed to ThinOS using a USB key installation or PXE boot process. Deployment steps may vary depending on manufacturer-specific BIOS and hardware behavior.

NOTE: For any other supported Dell or third-party model, units can be converted or repurposed to ThinOS using either a USB key installation or a PXE boot process. The specific deployment workflow may vary depending on the device manufacturer and available BIOS functionality. For more information, see *Dell ThinOS 10.x MIgration Guide* at Support | Dell.

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Supported non-Dell hardware requirements

This chapter outlines the minimum hardware requirements for non-Dell platforms that support ThinOS 10.x. These requirements help ensure smooth deployment and performance when repurposing third-party devices.

To quickly assess device readiness, it is recommended to use the ThinOS 10.x Compatibility Checker, which streamlines hardware validation and accelerates secure ThinOS deployments.

Minimum requirements:

- Dual-core CPU
- 4 GB RAM
- 32 GB storage (single drive only; multistorage not supported)

NOTE: The Dell ThinOS 10.x image using USB installation performs the ThinOS 10.x Compatibility Checker before imaging to verify that the device meets the minimum hardware requirements. You must review the compatibility check report and validate converted devices in your environment before production deployment.

For more information about the ThinOS 10.x Compatibility Checker, see the Dell ThinOS 10.x Compatibility Checker User Guide.

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Support Resources

This chapter provides FAQs, and support resources for resolving ThinOS 10.x migration issues, including DHCP/DNS setup and log collection.

Topics:

- Resources and support
- Reference materials and supporting documentation
- Contacting Dell

Resources and support

Accessing documents using product selector

1. Go to Support | Dell.
2. Click **Browse All Products**.
3. Click **Computers**.
4. Click **Thin Clients**.
5. Click **Wyse Software**.
6. Click **Dell ThinOS** .
7. Click **Select This Product**.
8. Click **Support Resources** > **Manuals & Documents**.

Reference materials and supporting documentation

This chapter serves as a centralized repository of official Dell ThinOS 10.x documentation. It enables administrators to quickly access key resources for deployment, configuration, compatibility validation, and customization. It provides direct access to key Dell ThinOS 10.x documents that assist IT administrators in various aspects of endpoint management.

Table 3. Document index

Document title	Description	Go to
Dell ThinOS 10.x Administrator Guide	Provides IT administrators with instructions for configuring, managing, and troubleshooting the system.	Dell ThinOS documentation page
Dell ThinOS 10.x Migration Guide	Provides IT administrators with procedures for migrating data, applications, or systems from one environment to another.	
Dell ThinOS 10.x 2602 Release Notes	Provides users with a summary of new features, bug fixes, and known issues for a software release.	
Dell ThinOS 10.x Hardware Compatibility List	Provides IT administrators with details on compatible hardware, software, and supported configurations for the software.	
Dell ThinOS 10.x Compatibility Checker User Guide	Provides IT administrators with the details to repurpose any Dell or non-Dell	

Table 3. Document index (continued)

Document title	Description	Go to
	hardware for ThinOS 10.x using a USB imaging method.	
Dell ThinOS 10.x App Builder User's Guide	Provides users with instructions for using the software, including setup and features.	

Contacting Dell

If you do not have an active Internet connection, you can find contact information about your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country or region and product, and some services may not be available in your area. To contact Dell sales, technical support, or customer service issues, follow the steps.

1. Go to Support | Dell.
2. Select your support category.
3. Verify your country or region in the **Choose a Country/Region** drop-down list at the bottom of the page.
4. Select the appropriate service or support link based on your need.