DELL THIN CLIENTS WITH Windows 10 IoT Enterprise

Power and flexibility of Windows® in a thin client
Combining Dell’s optimizations in management and user experience with a rich Windows ecosystem, Windows 10 IoT Enterprise delivers immersive productivity for digital workspaces and address the needs of regulated industries such as healthcare, retail, government, financial services or education.

**Tailored to your needs**
The versatility and flexibility to access all types of virtual workspaces, cloud environments and a broad-range of eligible local Windows applications and peripherals.

**Best-in-class security**
Experience enhanced protection against modern security threats, less disruption in your workday and less time managing remediation of devices with Dell added-value software securing the desktop experience.

**Rich collaboration experience**
Support for VDI plugins locally enables high-quality media streams and delivers immediate benefits to the business with real-time communication and improved collaboration.

**User Friendly**
Experience a shorter time to productivity with Dell Quick Start and the familiarity of a Windows OS requiring less user training.

**Ready for VDI**
Built-in suite of comprehensive and enhanced clients for popular VDI environments

**Flexible management options**
Choose from Dell’s exclusive Wyse Management Suite, support from VMware Workspace ONE® for a unified digital workspace platform and Microsoft Endpoint Configuration Manager¹ to take advantage of existing investment

**Intuitive IT interface**
Deploy systems, manage embedded applications and control the write filter through an intuitive interface with Dell Application Control Center
WHY WINDOWS 10 IOT ENTERPRISE WITH DELL THIN CLIENTS?

Experience the benefits of our productivity applications designed to make Dell thin client solutions easier to deploy and adapt to your specific needs.

**User Friendly**
Be ready to start in minutes with a setup assistant that guides the user through the steps to get started.

**Intuitive interface**
Control system configurations, embedded applications and utility tools including write filter through an intuitive, easy to navigate interface with Dell Application Control Center.

**All apps at your fingertips**
Deploy partner components and client applications made available through quarterly releases from a convenient interface with Dell Application Store.

40% More performance than predecessor

OptiPlex 3000 Thin Client with Windows 10 IoT Enterprise
Wyse Management Suite is a flexible hybrid cloud solution that allows to centrally configure, monitor, manage and optimize Dell clients powered by Dell Hybrid Client and thin clients, anytime, anywhere. Wyse Management Suite is ideal for businesses small, large and in-between. With multiple versions, our solution meets all levels of deployment.

**POWER YOUR WORKDAY**
Manage up to one million endpoints from the public and/or private cloud. Manage from anywhere with a mobile app for real-time endpoint modern management.

**SECURITY BUILT-IN**
Highly secure, Wyse Management Suite uses HTTPs-based communications, two factor authentication and roles-based provisioning.

**DEPLOY WITH EASE**
From zero to productivity instantly with Wyse Management Suite Pro on public cloud. Automated processes and intelligent insights with powerful dynamic device-grouping and rules-based automation to deliver a proactive management approach.

**EFFICIENT PRODUCTIVITY**
One tool that does it all: Easily manage your Dell endpoints, configure system and BIOS configurations, complete hardware inventories and view event and audit logs for a centralized management experience.

Explore [Wyse Management Suite](#)
The OptiPlex 3000 Thin Client delivers a quiet, durable computing experience and makes for easier multitasking with support for up to three displays at 4K resolution. Intel® Quad Core processors bring instant and seamless access to digital and virtual workspaces. OptiPlex offers support for Wi-Fi 6®, a next-generation technology that brings faster speeds and better performance, from anywhere. An all-new variety of mounts offers flexibility in setting up a work environment.

A full HD 14” display, built-in support for unified communications and rich connectivity options deliver a productive user experience and faster and smarter collaboration. With inherent Wyse software security and ultra-manageability, the Wyse 5470 delivers a robust mobile cloud computing experience and keeps data safe in the cloud while transitioning confidently from a desk to meetings to remote work.

To meet the advanced business needs of collaborative knowledge worker, the Wyse 5070 delivers high-speed processing with the latest-gen Intel quad-core processors. The Wyse 5070 boosts user productivity with a high level of configurability. Features like True 4K graphics, multiple DisplayPort interfaces, USB-C and several network connection options help ensure an extended, productive user experience day after day.

Get lost in the project on the 23.8” FHD IPS display with support for a second display at 4K at 60Hz for even more productivity. Make space for the things that matter with a space-saving footprint and multiple stand options, so you can find the position that gets you to peak productivity with optimal comfort. Featuring DisplayPort, RJ-45, six USB ports and Bluetooth 5.0 option, you can benefit from a broad support of peripherals and seamless collaboration with built-in support for unified communications.
RECOMMENDED ACCESSORIES

**Dell 24 Monitor – P2422H**
Stay productive no matter where you work with this sleek 23.5" FHD monitor with ComfortView Plus.

**Dell Pro Wireless Keyboard and Mouse – KM5221W**
Get productive with a quiet, full-size keyboard and mouse combo with programmable shortcuts and 36 months battery life.

**Dell Pro Stereo Headset – WH3022**
Exceptional audio clarity with this Teams certified wired headset with a customized fit.

**OptiPlex Micro & Thin Client All-in-One Stand - MFS22**
Adjustable, compact stand for your micro creates a clean, open workspace with minimal cables.

**OptiPlex Micro & Thin Client Dual VESA Mount with Adapter Bracket**
Versatile micro mounting solution for ideal use with Dell MSA20 or Dell MDA20 Monitor Arms.

**Dell Single Monitor Arm – MSA20**
Create a clean work space and reduce cable clutter by mounting your OptiPlex securely behind your monitor.

**OptiPlex 3000 Thin Client**
## Features & Technical Specifications

### Operating System
- Windows 10 IoT Enterprise LTSC 2019
- Windows 10 IoT Enterprise LTSC 2021 (quarterly release 2210)

### Supported Dell thin clients
- Wyse 5070 thin client
- Wyse 5070 Extended thin client
- Wyse 5470 All-in-One thin client
- Wyse 5470 mobile thin client
- OptiPlex 3000 Thin Client

### Server OS Infrastructure Support
- VMware Horizon®
- Microsoft® Azure
- Microsoft® Azure Virtual Desktops
- Microsoft® Windows Terminal Server
- Citrix Workspace™
- Citrix Virtual Apps and Desktops™ (formerly XenDesktop/XenApp)
- Amazon Workspaces

### Broker client
- VMware Horizon Client 5.4 (with Blast and PCoIP)
- Citrix Workspace app 1912 LTSR
- Microsoft RemoteFX (RDP10) client
- Microsoft Windows Virtual Desktop client (optional)*
- Amazon WSP (optional)*

### Local Browser
- Microsoft Internet Explorer 11
- Microsoft Edge Browser
- Microsoft Internet Explorer 11

### Dell Productivity Applications

**Quick Start** is a setup assistant that guides the user through the steps to get started.

**Dell Application Store** allows to selectively deploy partner components and client application updates to one device or a group of devices using Wyse Management Suite or Microsoft SCCM.

**Overlay Optimizer** provides write protection to deliver better performance and session reliability.

**Dell Secure Client** (DSC) increases system security for Windows based thin clients of the write filter.

**Dell Application Control Center** provides enhanced control over system configurations, embedded applications and utility tools through an intuitive, easy to navigate interface.

**Easy Setup** helps to quickly and simply deploy configurations.

**Application Launch Manager** (ALM) enables to start an application that is based on predefined events such as service startup, user login/logoff, or system shutdown in system account.

**xData Cleanup Manager** helps to optimizes client disk space.

**Dell Thin Client Application** provides a view of thin client device, system shortcuts, custom fields, RAM disk etc...
## DELL THIN CLIENTS WITH WINDOWS 10 IOT ENTERPRISE

### FEATURES & TECHNICAL SPECIFICATIONS

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<th>Feature</th>
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<td><strong>Operating System</strong></td>
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| **Unified Communications Optimization** | • Microsoft Skype for business  
• Zoom cloud meetings 5.0.x  
• Cisco Jabber 12.9.x | • Microsoft Teams VDI Optimization (for Citrix and VMware)  
• Zoon Cloud Meetings VDI Optimization 5.11.x or latest (for Citrix and VMware)  
• Cisco Webex VDI Meetings 42.2.x or latest  
• Cisco Webex (Teams) VDI plugin 42.8.x or latest  
• Cisco Jabber 14.1 or latest |
| **Security** | • TPM Hardware encryption® (factory configuration)  
• UEFI supported  
• BitLocker Drive Encryption  
• Unified Write Filter supported  
• VMware Carbon Black (optional)¹ | • TPM Hardware encryption® (factory configuration)  
• UEFI supported  
• BitLocker Drive Encryption  
• Unified Write Filter supported  
• VMware Carbon Black (optional)¹ |
| **Windows applications** | • Windows Media Player  
• Windows Multitouch and gestures support  
• Microsoft Silverlight  
• Microsoft .NET  
• Keyboard Filter  
• Windows Defender Advanced Threat Protection | • Windows Media Player  
• Windows Multitouch and gestures support  
• Microsoft .NET  
• Keyboard Filter  
• Windows Defender Advanced Threat Protection  
• H.265 codec with HEVC |
| **Management Options** | Wyse Management Suite 3.5 (or above) Pro edition recommended for comprehensive management and hybrid cloud deployment - [Free trial](#)  
Wyse Management Suite 3.5 (or above) Standard edition available for basic on-premises management - [Free download](#)  
Management through VMware Workspace ONE® (optional)¹  
Support for Microsoft System Center Configuration Manager 2019¹  
Dell Command | Monitor 10.3  
Remote shadowing and control with Tight VNC  
Simple USB imaging solution with Wyse USB Firmware Tool | Wyse Management Suite 3.5 (or above) Pro edition recommended for comprehensive management and hybrid cloud deployment - [Free trial](#)  
Wyse Management Suite 3.5 (or above) Standard edition available for basic on-premises management - [Free download](#)  
Management through VMware Workspace ONE® (optional)¹  
Support for Microsoft Endpoint Configuration Manager 1902¹  
Dell Command | Monitor 10.6.x  
Remote shadowing and control with Tight VNC |
| **User Interface Language Support** | English, Brazilian Portuguese, Spanish, French Canada, German, Italian, French, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean, Danish Denmark, Finnish, Swedish, Norwegian, Dutch | English, Brazilian Portuguese, Spanish, French Canada, German, Italian, French, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean, Danish Denmark, Finnish, Swedish, Norwegian, Dutch |
| **Downloads and Technical Documentation** | Downloads and technical documentation are available on [Dell.com/Support](#) for the supported Dell thin clients. | Quarterly releases and technical documentation are available on [Dell.com/Support](#) for the supported Dell thin clients. |
Secure by design
Work confidently from anywhere with solutions designed to augment the security of your VDI and cloud environments

Unified approach to I.T.
Modern management with hybrid cloud deployment provides greater control and agility.

Optimized user experience
Access digital and virtual workspaces with unprecedented simplicity and flexibility.

Learn more at Dell.com/CloudClientWorkspace

1. Sold separately, available from respective vendors
2. Based on Dell internal analysis using CPU Mark benchmark tests, comparing the OptiPlex 3000 Thin Client configured Windows 10 IoT Enterprise with the Wyse 5070 Thin Client similarly configured, March 2022. Actual results may vary.
3. Requires Wyse Management Suite Pro on public cloud. License activation required.
4. Wireless antenna and module available only at time of system purchase.
5. Offerings may vary by region. Some items may be available after product introduction. For complete details, refer to the technical documentation published on www.dell.com/support.
7. Support and features depending on customer environment and by region, partner broker, VDI protocol and configurations.
8. TPM is available in selected regions and select models.

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