

BIOS Add-on Update for Dell Wyse Thin Clients

Release Notes

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Contents

Release type and definition.....	3
Current version.....	3
Supported matrix	3
Parameters to install BIOS add-on.....	4
Installing BIOS add-on using Wyse Device Manager	4
Installing BIOS add-on using Wyse Management Suite	5
Installing BIOS add-on using System Center 2016 Configuration Manager (SCCM)	5
Adding device to new device collection.....	6
Creating a package.....	6
Distributing content.....	7
Creating a task sequence	7
Deploying task sequence	7
Known issues	8
Add-on information	8
Important notes	8

Importance

URGENT: Dell highly recommends applying this update as soon as possible. The update contains changes to improve the reliability and availability of your Dell system.

Software releases are created to correct defects, make enhancements, or add new features. These releases are tested on all current, actively shipping platforms and operating systems as applicable. This release notes contain details on the supported platforms, any changes in the configuration settings and licensing details as well. The bug fixes along with the workarounds are documented in the release notes. Any changes in the feature functionality from an end-user perspective are listed with the description of each feature at a high level.

Release type and definition

This release signifies a BIOS add-on update for the following platforms:

- Wyse 7040 thin client with WES7P
- Wyse 7040 thin client with Win10 IoT
- Latitude E7270 mobile thin client with WES7P

NOTE: Dell recommends that you install the Intel ME Security Vulnerability add-on before you install the BIOS add-on.

Current version

Table 1. Current version

Sl.no	Add-on file name	BIOS version
1	Wyse_7040_1.5.4.exe	1.5.4
2	Latitude_E7270_1.18.5.exe	1.18.5

Supported matrix

Table 2. Windows Embedded Standard 7P

Platform name	Build	Intel ME Interface Driver version	Intel ME Firmware version	Intel ME Add-on name	BIOS version
Wyse 7040 thin client with WES7P	7040_7065_3 2GB.exe	11.7.0.1045	11.8.50.3426	IntelME_7040.EXE	1.5.4
Latitude E7270 mobile thin client	E7270_7065_128GB.exe	11.7.0.1045	11.8.50.3426	IntelME_E7270 .EXE	1.18.5

Table 3. Windows 10 IoT Enterprise Threshold

Platform name	Build	Intel ME Interface Driver version	Intel ME Firmware version	Add-on name	BIOS version
Wyse 7040 thin client with Win 10 IoT	7040_0A62_3 2GB.exe	11.7.0.1045	11.8.50.3426	IntelME_7040.EXE	1.5.4

Table 4. Management server

Management server	Version	Operating System
Wyse Device Manager (WDM)	5.7.2	Windows Server 2012 R2
Wyse Management Suite (WMS)	1.1	Windows Server 2012 R2
System Center Configuration Manager (SCCM)	Microsoft System Center Configuration Manager 2016 Version 1606 Console version: 5.0.8412.1313 Site version: 5.0.8412.1000	Windows Server 2016 version 1607—Operating system build 14393.1715

Table 5. BIOS details

Add-on file name	BIOS file name
IntelME_7040.EXE	Wyse_7040_1.5.4.exe
IntelME_E7270.EXE	Latitude_E7270_1.18.5.exe

Parameters to install BIOS add-on

Table 6. Parameters

Platforms	File name	Command parameters
Wyse 7040 thin client with WES7P and Wyse 7040 thin client with Win 10 IoT	Wyse_7040_1.5.4.exe	/s /f
Latitude E7270 mobile thin client with WES7P	Latitude_E7270_1.18.5.exe	/s /f

Installing BIOS add-on using Wyse Device Manager

NOTE: You can deploy the BIOS add-on using EXE file deployment method. The RSP file deployment method is not applicable.

1. Go to the [Dell Wyse support](#).
2. Expand **Download Wyse Software and Driver**.
3. Click **Wyse Support Download**.
4. From the **Active** drop-down list, select your thin client model, and click **Search**.
5. The **Downloads** page is displayed.
6. Download the respective .exe file to your system.
7. Copy the downloaded .exe file to the Wyse Device Management server or to a local repository.
8. Double-click the **Wyse Device Manager Web UI** icon, and log in to the Wyse Device Management web console using valid credentials.
9. Go to **Applications > Other packages**.

10. Click the **Create Package (+)** button.
11. Click **Download**, and save the **Package Register** utility file to the Wyse Device Management server.
12. Double-click the respective .exe file.
The WDM Package Registration Utility window is displayed.
13. In the WDM Package Registration Utility window, select the respective .exe file and click **Browse**.
14. Navigate to the folder where you have downloaded the .exe file.
15. Select the .exe file, operating system, and command parameters appropriately. For parameters, see [Parameters to install BIOS add-on](#).
16. Click **Upload**.
BIOS add-on package is listed under **Applications > Other packages**.
17. Click **Devices**, and select a checked-in device where you want to install the add-on.
18. Click **Update**.
19. Go to **Select Packages > Other Package**, and select the **BIOS add-on** package.
20. Click **Save**, and then click **Update Now**.

Installing BIOS add-on using Wyse Management Suite

1. Go to the [Dell Wyse support](#).
2. Expand **Download Wyse Software and Driver**.
3. Click **Wyse Support Download**.
4. From the **Active** drop-down list, select your thin client model, and click **Search**.
The **Downloads** page is displayed.
5. Download the respective .exe file to your system.
6. Copy the downloaded .exe file to the Wyse Management Suite server repository. For example, copy the downloaded file to C:\Share\repository\thinClientApps folder.
7. Log in to Wyse Management Suite.
8. Click **Portal Admin**, and select the **Local Repository** check box.
9. Click the **Sync Files** button.
10. Wait for the synchronization to complete, and click **Apps and Data**.
11. Verify the BIOS add-on package in the applications list.
12. To create a group in the Wyse Management Suite server, click **Groups**.
13. Click the **Plus sign (+)** button, and register your client in the same group.
14. Click the **Apps and Data** option, and click **Thin Client** under **App Policies**.
15. Click **Add Policy**, and update the required details.
16. Select the task as **Install Application**, OS type as **WES**, and select the OS sub filter and platform filter according to the operating system and platform.
17. Select the application, and enter the valid parameter. For parameters, see [Parameters to install BIOS add-on](#).
18. Click **Save**.
19. To schedule the policy, click **Preview and schedule**.
20. Click **Jobs**, and select **Schedule App Policy**.
21. Click **Update Now**.

Installing BIOS add-on using System Center 2016 Configuration Manager (SCCM)

Prerequisites:

- Add the thin client to the SCCM server domain and restart.
- Log in to the thin client with valid SCCM domain credentials.
- Change the time zone and time (HH:MM:SS) according to the SCCM server.
- Go to **Control Panel > Configuration Manager > Site > Configuration Settings**
- In the **Configuration Manager service location** section, enter the site code
- In the **Actions** tab, select each action, and click **Run Now**.
- A sys-tray pop-up message is displayed, and the new software is available for installation.

Adding device to new device collection

1. Go to **Assets and Compliance > Device Collections**.
2. In the Devices list, right-click a device, and click **Add Selected Items > Add Selected Items to Existing Device collection**.
3. In the **Device Collections** window, select the device to add to the collection, and click **OK**.
4. In the **Assets and Compliance** section, click **Device Collections** and verify whether the device is added.

Creating a package

1. Go to the [Dell Wyse support](#).
2. Expand **Download Wyse Software and Driver**.
3. Click **Wyse Support Download**.
4. From the **Active** drop-down list, select your thin client model, and click **Search**.
The Downloads page is displayed.
5. Download the respective .exe file.
6. Copy the installation package to the share folder.
7. Expand **Software Library > Overview > Application management > Packages**.
8. Right-click **Packages** and click **Create Package**.
9. Enter the package name, description, manufacturer name, language, and version.
10. Click **Next**.
11. Browse to the source folder where you have copied the sysprep files.
12. Click **Next**.
13. Select the **Standard Program** option as the program type.
The Standard Program page is displayed.
14. Enter the required details and Click **Browse** to navigate to the .exe file location.
15. Select the .exe file as the command line and provide the parameters.
The silent installation parameter is **--silent**.
16. Click **Next**.
17. Select the appropriate name, command line detail according to the platforms mentioned below.

Platforms	Command line
Wyse 7040 thin client with WES7P and Wyse 7040 thin client with Win 10 IoT	Wyse_7040_1.5.4.exe /s /f /r
Latitude E7270 mobile thin client with WES7P	Latitude_E7270_1.18.5.EXE /s /f /r

18. Click **Next**, and do not change the settings.

19. Verify the information that you have provided and click **Next**.
20. Click **Close**.

The newly created packages are listed in the **Application Management** under **Package**.

Distributing content

1. In the **Distribute Content** wizard, right-click the software package which you have created, and click **Distribute content**.
2. From the **Add** drop-down list, select **Distribution Point**.
3. Select the program, and click **Next**.
4. Verify the information that you have provided on the summary page and click **Next**.
5. Click **Close**.
6. Right-click the created package and click **Deploy**.
7. Click the **Collection** option, and browse to the device list.
8. Click **Next**.
9. From the **Add** drop-down list, select **Distribution Point**.
10. Select the available distribution points, and click **OK**.
11. Click **Next** to complete the deployment process.
12. Click **Close**.
The content status is displayed in green. It may take a few minutes to complete the distribution process.

Creating a task sequence

1. Go to the [Dell Wyse support](#).
2. Expand Download Wyse Software and Driver.
3. Click **Wyse Support Download**.
4. From the **Active** drop-down list, select your thin client model, and click **Search**.
The **Downloads** page is displayed.
5. Download the respective .exe file.
6. Copy the installation package to the share folder.
7. Expand **Software Library > Overview > Operating Systems**.
8. Right-click **Task Sequence**, and click **Create Task Sequence**.
9. In the New Task Sequence wizard, select **Install** an existing image package, and click **Next**.
10. Enter the Task sequence name, select the appropriate boot image, and then click **Next**.
11. Right-click the deployment task sequence, and click **Edit**.
12. From the **Add** drop-down list, select **Software > Install Package**.
13. Select the created package and click **Apply**.
14. Click **OK**.
15. Deploy the modified task sequence to the required device collection.

Deploying task sequence

1. Click **Start > All Programs > Microsoft System Center > Configuration Manager Console**.
The System Center Configuration Manger window is displayed
2. Click **Software Library**.
3. Expand **Overview > Operating Systems > Task Sequences**, and right-click **Task Sequences**.
4. Click **Deploy**.
5. Enter the task name and click **Browse**.
6. Select the newly created Devices Collection from the list.

Known issues

Table 7. Known issues

Known issues	Workaround
The error message ME Firmware EndUpdate Failed Error: 0x00002201 is displayed when you downgrade the BIOS from version 1.18.5 to version 1.13.3 on Latitude E7270 mobile thin clients.	Not available
The error message The task sequence manager could not successfully complete execution of the task sequence is displayed on the server side when you perform the BIOS flash operation from SCCM. However, the client side information is not displayed, and BIOS is updated successfully.	Not available
The error message ME Firmware EndUpdate Failed Error: 0x00002201 is displayed when you downgrade the BIOS from version 1.5.4 to any previous released version on Wyse 7040 thin clients.	Not available

Add-on information

Table 8. Add-on information

Platforms	<ul style="list-style-type: none"> Wyse 7040 thin client with WES7P Wyse 7040 thin client with Win10 IoT
Add-on name	Wyse_7040_1.5.4.exe
Type of file	Application (.exe)
Size	8.52 MB—89,41,480 bytes

Platforms	Latitude E7270 mobile thin client with WES7P
Add-on name	Latitude_E7270_1.18.5.exe
Type of file	Application (.exe)
Size	9.47 MB—99,39,384 bytes

Important notes

Table 9. Additional information

SL.NO	Platform	Information
1	Wyse 7040 thin client with WES7P	Thin clients restart twice after you push the add-on with write filter enabled.
2	Wyse 7040 thin client with Win10 IoT	
4	Latitude E7270 mobile thin client with WES7P	