#### Windows 10 and Windows 11 Installation

Lenovo ThinkStation P360 Series



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### Overview

The purpose of this document is to provide guidance for users on how to install a Windows 10 or Windows 11 retail operating system on the ThinkStation P360 system.

## Section 1 – BIOS & Pre-Installation Steps

The first step before installing Windows is to make sure BIOS is setup correctly. It is important to ensure that the BIOS is set to the optimum (default) settings before beginning the installation.

1. Boot into BIOS by pressing the F1 key at the "Lenovo" splash screen.



2. Once in the BIOS Press F9 to load the optimal default BIOS settings or select the "Exit" menu option along the left column and then select "Load Optimal Defaults" and select "Yes" at the prompt.

<b>ThinkStation</b>	Save Changes and Exit Exit system Setup after saving the changes. Discard Changes and Exit Exit system Setup without saving any changes.	
Start Menu	Load Optimal Defaulte	
🛱 Main	Restore/Load defaults values for all the Setup options.	
谷 Devices		
🛠 Advanced		
D Power		
🕂 Security		
🚣 Startup		
Exit		
F1 Help ESC Exit	Select Item +/- Change Val     Select Menu Enter Select > Sul	ilues F9 Setup Defaults ib-Menu F10 Save and Exit
	Version 2.20.0049. Copyright (C) 2020 American Megatrends Interna	National LLC.

3. Select "Yes" in the confirmation window.

ThinkStation	Save Changes and Exit Exit system Setup after saving the ch Discard Changes and Exit Exit system Setup without saving an	ianges. y changes.		
Start Menu             Main              Devices              Advanced              Power              Security              Startup             Exit	Load Optimal Defaults Restore/Load Information Information Coad Optim	mized Defaults fault configuration now? nized Defaults Enabled		
F1 Help ESC Exit	<ul> <li>↑↓ Select Item</li> <li>←→ Select Menu</li> </ul>	+/- Change Values Enter Select > Sub-Menu	F9 F10	Setup Defaults Save and Exit

Lenovo

4. Select F10 to "Save and Exit" BIOS.

	Save Changes and Exit Exit system Setup after saving the changes. Discard Changes and Exit Exit system Setup without saving any changes.
Start Menu	Load Optimal Defaults
40 Devices	Save & Reset
₩ Advanced	(?) Save configuration and reset?
O Power	
음 Security	
<u>eå</u> Startup	
⊖ Exit	Yes No
OTO MA	
Lenovo.	

- 5. Insert the Windows install media (either through USB or CD/DVD).
- 6. Power on the system and press the F12 key whenever the following Lenovo splash screen appears.



- Lenovo
- 7. Select the proper Windows bootable installation media option from the F12 boot menu. Not all drives are seen in this menu, only bootable options are shown at this time.

▲ Boot Menu ④ App Menu	Startup Device Menu Uefi Boot Options: Network 1:[UEFI: PXE IPv4 Intel(R) Ef US\$ HDD 1:[UEFI: General UDisk 5.00 USB HDD 1:[UEFI: General UDisk 5.00 Enter Setup	hernet Connection (14) I219-LM] , Partition 1] , Partition 2]	
Select Item Del key to enter Deployment boot mode	44 Select Menu	Enter Select > Sub-Menu	ESC Exit
	Version 2.21.00	52. Cepyright (C) 2021. AMI	

<u>Note</u>: Legacy boot is no longer supported on the P360 platforms. Only UEFI bootable options will be available.

 If the system fails to boot to the selected startup device, it may be necessary to disable Secure Boot in the BIOS. Boot into BIOS using F1. From the main menu select "Security" and under "Security" scroll down the list on the right and select "Secure Boot".

<b>ThinkStation</b>	If "No" is selected, the Power-On Password will not be required when system restarts. BIOS Password At Boot Device List If Yes and a supervisor password is set, the user will be prompted for a password when F12 is pressed during POST.
Start Menu 슈 Main 谷 Devices 왕 Advanced	Smart USB Protection Smart USB Protection could block copying data from the computer to the USB storage device in Windows Read Only mode: the user can copy data from USB storage device to the Computer but cannot copy data from the computer to USB storage device No Access mode: the user cannot use USB storage device in Windows
<ul> <li>Power</li> <li>A Security</li> <li>A Startup</li> <li>→ Exit</li> </ul>	Hard Disk Password     Configure hard disk password.     TCG Feature Setup     Contains TCG security features.     System Event Log     View or clear the system event log.
Lenovo.	Secure Boot     Secure Boot flow control. Secure Boot is possible only if System runs in User     Mode
F1 Help ESC Exit	T4 Select Item +/- Change Values P9 Setup Defaults  +* Select Menu Enter Select > Sub-Menu F10 Save and Exit  Vecent 278 Bass Doppign() (2000 American Hegit International LC.

9. In the drop-down box select "Disabled".

<b>ThinkStation</b>	← Secure Boot System Mode Deployed Mode	Î
Start Menu 슈 Main 谷 Devices	Secure Boot Disabled [Enabled] Enables Secure Boot,BIOS will prevent un-authorised OS be [Disabled] Disables Secure Boot. [Disabled] Disables Secure Boot. [Enabled] Disables Secure Boot. [En	~
<ul> <li>Advanced</li> <li>Power</li> <li>Security</li> <li>Startup</li> </ul>	When Secure boot set to Enabled, CSM would be automatically disabled.	
	Reset to setup mode will move secure boot to setup mode.  Exit Deployed Mode Transition between Deployment and User Modes	
F1 Help ESC Exit	> Key Management       flu     Select Item       +>     Select Item       +>     Select Item       Enter     Select Sub-Menu	efaults dExit
	миссия 2.31 Колл. Сорунда (С) 2000 Аленкан мирлиник техникалагын.	

10. Select F10 to "Save and Exit" BIOS.

<b>ThinkStation</b>	← Secure Boot	Î
Start Menu	System Mode	Deployed Mode
슈 Main 谷 Devices 생활 Advaced	Inabled for loaded. Disabled to When Secon	Disabled
Power     Security	Save configuration and reset?     Restore Fa	
<u>aå</u> Startup ⊖ Exit	> Reset Plat Reset to set Ves No	
Lenovo.	> Exit Deploy	1
F1 Help ESC Evit	Key Management     */- Change Values     Select Item Enter Select - Sub-Menu	P9 Setup Defaults F30 Save and Evit

11. Repeat steps 5-7.

## Section 2 – Windows Installation

Follow the steps below to proceed with the Windows installation. The screens for Windows 10 and Windows 11 installation are similar except for the selection of the Windows edition to be used.

1. Select the following Language, Time, and Keyboard Layout and select "Next".

📫 Windows Setup	- 0 💌
H. Windows*	
Language to install: English (United States)	<u> </u>
Keyboard or input method: US	<b>_</b>
Enter your language and other preferences and click "Next" to conti	nue.
© 2015 Microsoft Corporation. All rights reserved.	Next

2. Select "Install now" option.



3. Enter the product key to activate Windows and press "Next", or press "Skip" to enter a valid product key later. Windows will activate on the P360 without a product key if the system was originally purchased with a Windows License or Windows was previously activated on the system. It is recommended to install the same edition as was previously activated to insure the new installation will activate.

Enter the product key to	activate Windows	
It should be on the back of the Windows.	box that Windows came in or in a message th	at shows you bought
The product key looks like this	XXXXXX-XXXXXX-XXXXXX-XXXXXXX	
Dashes will be added automati	cally.	
1	[]	
	16	
	$\searrow$	

4. Check the box next to "I accept the license terms" and select "Next".



- 5. Choose the type of installation to perform.
  - <u>To upgrade to Windows from an earlier version of Windows</u>, select the "Upgrade" option below.
  - <u>To perform a clean OS installation</u>, select "Custom: Install Windows only (advanced)" option below. *For instructional purposes, this option was selected below.*

he files, settings, and applications are moved to Windows with this option. This option is o vailable when a supported version of Windows is already running on the computer.	nly
Custom: Install Windows only (advanced) The files, settings, and applications aren't moved to Windows with this option. If you want t make changes to partitions and drives, start the computer using the installation disc. We recommend backing up your files before you continue.	D

6. If the system drives are configured using RAID, the drives may not be seen in this step, or they may not display properly. If so, it will be necessary to download the proper RAID controller drivers from Lenovo support site <u>here</u>. The drivers can be copied to a USB key and added during this step in the installation. Once the USB key has been inserted into one of the system USB ports, select "Load Driver".

Name	Total size Free spa.	Туре	
			_

7. Select "Browse" to find the driver.

Sele	ct the driver to install
	To install the device driver for your drive, insert the installation media containing driver files, and then click OK. Note: The installation media can be a CD, DVD, or USB flash drive.
	Browse OK Cancel

8. Expand the USB drive and select the folder that has the Intel RAID drivers that were added in step 6. Directory names may vary based on driver versions.



9. Verify that the system has identified the drivers necessary for the RAID array and select "Next".

Intel(R) Chipset	SATA/PCIe RST Premium	
<		>

10. Verify that the drive can now be seen properly. Select the target drive and then select "Next" to continue loading Windows 11. If the drive cannot be seen, repeat steps 7-9 and try a different driver if others are available.

Name		Total size	Free space T	Гуре
Drive 1 Unallocated Space		953.9 GB	953.9 GB	
∳ <u>R</u> efresh	Delete	<pre>✓Eormat</pre>	* N <u>e</u> w	

11. The "Installing Windows" screen.



12. After the installation completes, the system will automatically reboot. The system should boot into Windows setup for the user to select regional and privacy preferences. The screens for this process can change periodically as newer versions of Windows are released. Make the appropriate personal choices for each selection to complete the Windows setup.

**Note:** It may be necessary to remove the installation media to prevent the system from restarting the Windows installation.

13. At this point, it will be necessary to download and install the appropriate device specific drivers. With a clean Windows installation these will typically include the Chipset Device Software driver, the GPU specific Video adapter driver, and the appropriate network device driver. Any additional peripherals added to the system should also be configured with the proper device drivers. The device drivers for all Lenovo systems and supported peripherals can be found on the Lenovo Support website here.



Windows 10 Default Desktop







# Section 3 – Revision History

Version	Date	Author	Changes/Updates
1.0	5/4/22	Scott Crowe	Initial launch release