

Dell Optiplex 7050 Small Form Factor XCTO Bios Setup Instructions

Press **F2** on boot up to enter BIOS screen.

The Screen is organised with a “tree” structure of topic settings on the left side of the screen with the various changeable options on the right hand side.

Use the mouse to navigate through the tree and tick or untick the boxes to changes settings.

The following settings should be selected. Click **Apply** to save the changes.

It may be necessary to set the following settings then rebooting the PC to continue configuring the bios.

Secure Boot

Secure Boot Enable Disabled

General

Advanced Boot Options Enable Legacy Option ROMs

Boot Sequence Legacy

Reboot PC and re-enter BIOS

General

Boot Sequence

- Diskette Drive
- USB Storage Device
- CD/DVD/CD-RW Drive
- Onboard NIC
- PO: WDC WD5000AZLX-75K2TA0

Onboard NIC

PO: WDC WD5000AZLX-75K2TA0

Advanced Boot Options
UEFI Boot Path Security

- Enable Legacy Option ROMs
- Always, Except Internal HDD

Date/Time

nn/nn/nn nn:nn:nn nn
MM DD YY HH MM SS A/P

Date and Time must be correct

System Configuration

Integrated NIC Enabled w/PXE

Serial Port COM1

SATA Operation RAID On

Drives SATA-0 SATA-1
 SATA-2 SATA-4
 M.2 PCIe SSD-0

SMART Reporting Enable SMART Reporting

USB Configuration Enable USB Boot Support
 Enable all other Ports

Front USB Configuration	<input checked="" type="checkbox"/>	Enable all Ports
Rear USB Configuration	<input checked="" type="checkbox"/>	Enable all Ports
Thunderbolt™ Adapter Configuration	<input checked="" type="checkbox"/>	Enable Thunderbolt™ Technology Support
	<input type="radio"/>	Security level – User Authorization
USB PowerShare	<input type="checkbox"/>	Enable USB PowerShare
Audio	<input checked="" type="checkbox"/>	Enable Audio
	<input checked="" type="checkbox"/>	Enable Microphone
	<input type="checkbox"/>	Enable Internal Speaker
Dust Filter Maintenance	<input type="radio"/>	Disabled
Miscellaneous Devices	<input checked="" type="checkbox"/>	Enable Secure Digital (SD) Card

Video

Primary Display	<input type="radio"/>	Auto
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Security

Admin Password		[Set with your password]
System Password		[Not Set]
Internal HDD-0 Password		[Not Set]
Strong Password	<input type="checkbox"/>	Enable Strong Password
Password Configuration		Don't Change
Password Bypass	<input type="radio"/>	Disabled
Password Change	<input type="checkbox"/>	Allow Non-Admin Password Changes
UEFI Capsule Firmware Updates	<input type="checkbox"/>	Enable UEFI Capsule Firmware Updates
TPM 2.0 Security	<input type="checkbox"/>	TPM On
Computrace ®	<input type="radio"/>	Deactivate
Chassis Intrusion	<input type="radio"/>	On-Silent
CPU XD Support	<input checked="" type="checkbox"/>	Enable CPU XD Support
OROM Keyboard Access	<input type="radio"/>	Enabled
Admin Setup Lockout	<input checked="" type="checkbox"/>	Enable Admin Setup Lockout
Master Password Lockout	<input type="checkbox"/>	Enable Master Password Lockout
SMM Security Mitigation	<input type="checkbox"/>	SMM Security Mitigation

Secure Boot

Secure Boot Enable	<input type="radio"/>	Disabled
Expert Key Management	<input type="checkbox"/>	Enable Custom Mode
	<input type="radio"/>	PK

Intel® Software Guard Extensions™

Intel® SGX™ Enable	<input type="radio"/>	Disabled
Enclave Memory Size	<input type="radio"/>	128 mg

Performance

Multiple Core Support	<input type="radio"/>	All
Intel® SpeedStep™	<input checked="" type="checkbox"/>	Enable Intel® SpeedStep™
C-States Control	<input type="checkbox"/>	C states
Limit CPUID Value	<input type="checkbox"/>	Enable CPUID Limit
Intel® TurboBoost™	<input checked="" type="checkbox"/>	Enable Intel® TurboBoost™

Management

AC Recovery	<input type="radio"/>	Power Off
Auto On Time	<input type="radio"/>	Disabled
Deep Sleep Control	<input type="radio"/>	Disabled
Fan Control Override	<input type="checkbox"/>	Fan Control Override
USB Wake Support	<input type="checkbox"/>	Enable USB Wake Support
Wake on LAN/WLAN	<input type="radio"/>	LAN Only
Block Sleep	<input type="checkbox"/>	Block Sleep (S3 State)
Intel Ready Mode	<input type="checkbox"/>	Enable Intel Ready Mode

POST Behaviour

Numlock LED	<input checked="" type="checkbox"/>	Enable Numlock LED
Keyboard Errors	<input checked="" type="checkbox"/>	Enable Keyboard Error Detection
Fastboot	<input type="radio"/>	Thorough
Extend BIOS POST Time	<input type="radio"/>	0 Seconds
Full Screen Logo	<input type="checkbox"/>	Enable Full Screen Logo
Warnings and Errors	<input type="radio"/>	Prompt on Warnings and Errors

Manageability

USB Provision	<input type="checkbox"/>	Enable USB Provision
MEBx Hotkey	<input type="checkbox"/>	Enable MEBx Hotkey

Virtualization Support

Virtualization	<input checked="" type="checkbox"/>	Enable Intel Virtualization Technology
VT for Direct I/O	<input type="checkbox"/>	Enable VT for Direct I/O
Trusted Execution	<input type="checkbox"/>	Trusted Execution

Maintenance

Not Applicable

System Logs

Not Applicable

Advanced Configurations

ASPM	<input type="radio"/>	Disabled
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