Dell Optiplex 5070 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.**

<table>
<thead>
<tr>
<th>Secure Boot</th>
<th>Secure Boot Enable</th>
<th>Disabled</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>General</th>
<th>Advanced Boot Options</th>
<th>Enable Legacy Option ROMs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Boot Sequence</td>
<td>Legacy External Drives</td>
</tr>
</tbody>
</table>

**Reboot PC and re-enter BIOS**

<table>
<thead>
<tr>
<th>General</th>
<th>Boot Sequence</th>
<th>Diskette Drive</th>
<th>USB Storage Device</th>
<th>Onboard NIC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>Legacy External Drives</td>
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<tr>
<td>Advanced Boot Options</td>
<td></td>
<td>Enable Legacy Option ROMs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UEFI Boot Path Security</td>
<td></td>
<td>Always, Except Internal HDD&amp;PXE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date/Time</td>
<td></td>
<td>nn:nn:nn nn:nn:nn:nn nn</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>MM DD YY HH MM SS A/P</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**System Configuration**

<table>
<thead>
<tr>
<th>Integrated NIC</th>
<th>Enabled w/PXE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial Port</td>
<td>COM1</td>
</tr>
<tr>
<td>SATA Operation</td>
<td>RAID On</td>
</tr>
<tr>
<td>Drives</td>
<td>SATA-0</td>
</tr>
<tr>
<td></td>
<td>SATA-3</td>
</tr>
<tr>
<td></td>
<td>M.2 PCIe SSD-0</td>
</tr>
<tr>
<td>SMART Reporting</td>
<td>Enable SMART Reporting</td>
</tr>
<tr>
<td>USB Configuration</td>
<td>Enable USB Boot Support</td>
</tr>
<tr>
<td></td>
<td>Enable Front USB Ports</td>
</tr>
<tr>
<td></td>
<td>Enable Rear USB Ports</td>
</tr>
</tbody>
</table>
Front USB Configuration | ☑ Enable all Ports
---|---
Rear USB Configuration | ☑ Enable all Ports
USB PowerShare | ☐ Enable USB PowerShare
Audio | ☑ Enable Audio
| ☑ Enable Microphone
| ☐ Enable Internal Speaker
Dust Filter Maintenance | ☐ Disabled
Miscellaneous Devices | ☑ Enable Secure Digital (SD) Card

**Video**

Multi-Display | ☑ Enable Multi-Display
Primary Display | ☐ Auto

**Security**

Admin Password
System Password
Strong Password
Password Configuration
Password Bypass
Password Change
UEFI Capsule Firmware Updates
TPM 2.0 Security
Absolute®
Admin Setup Lockout
Master Password Lockout
SMM Security Mitigation

**[Set with your password]**

**[Not Set]**

Enable Strong Password
Don’t Change
Disabled
Allow Non-Admin Password Changes
Enable UEFI Capsule Firmware Updates
TPM On
Disabled
Enable Admin Setup Lockout
Enable Master Password Lockout
SMM Security Mitigation

**Secure Boot**

Secure Boot Enable | ☐ Secure Boot Enable
Secure Boot Mode | ☐ Deployed Mode
Expert Key Management | ☐ Enable Custom Mode
| ☑ PK

**Intel® Software Guard Extensions™**

Intel® SGX™ Enable | ☐ Disabled
Enclave Memory Size | ☐ 128MB

**Performance**

Multiple Core Support | All
Intel® SpeedStep™ | ☑ Enable Intel® SpeedStep™
C-States Control | ☐ C states
Intel® TurboBoost™ | ☑ Enable Intel® TurboBoost™
Power Management

AC Recovery  ☑ Power Off
Enable Intel Speedshift Technology  ☑ Enable Intel Speed shift Technology
Auto On Time  ☑ Disabled
Deep Sleep Control  ☑ Disabled
Fan Control Override  ☑ Fan Control Override
USB Wake Support  ☑ Enable USB Wake Support
Wake on LAN/WLAN  ☑ LAN Only
Block Sleep  ☑ Block Sleep

POST Behaviour

Numlock LED  ☑ Enable Numlock LED
Keyboard Errors  ☑ Enable Keyboard Error Detection
Fastboot  ☑ Thorough
Extend BIOS POST Time  ☑ 0 Seconds
Full Screen Logo  ☑ Enable Full Screen Logo
Warnings and Errors  ☑ Prompt on Warnings and Errors

Manageability

Intel AMT Capability  ☑ Enabled
USB Provision  ☑ Enable USB Provision
MEBx Hotkey  ☑ Enable MEBx Hotkey

Virtualization Support

Virtualization  ☑ Enable Intel Virtualization Technology
VT for Direct I/O  ☑ Enable VT for Direct I/O
Trusted Execution  ☑ Trusted Execution

Wireless

Wireless Device Enable  ☑ WLAN/WiGig
☐ Bluetooth®

Maintenance

Not Applicable

System Logs

Not Applicable

Advanced Configurations

ASPM  ☑ Disabled

SupportAssist System Resolution

Auto OS Recovery Threshold  ☑ OFF
SupportAssist OS Recovery  ☑ SupportAssist OS Recovery
BIOSConnect  ☑ BIOSConnect