



# F7 BrainSphere P10 Altos BrainSphere ME Firmware and System User Guide

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**Altos**

## F7 BrainSphere P10 Altos BrainSphere ME Firmware and System



## Specifications

- **Product Name:** Altos BrainSphereTMP10\_F7
- **Firmware Version:** P10\_F7
- **Supported Operating Systems:** Windows 10, Windows 11
- **Manufacturer:** Altos Computing

## Description

The Altos BrainSphereTMP10\_F7 is a workstation system that requires periodic firmware and system BIOS updates to ensure optimal performance and compatibility with the latest software and hardware. This document provides step-by-step instructions for updating the system BIOS in Windows 10 and 11.

## Product Usage Instructions

### Step 1: Download BIOS Update File

- 1. Visit the Altos official website at <https://www.altoscomputing.com/zh-TW/download>.
- 2. Download the Altos P10\_F7 BIOS (R01-B2).zip file.

### Step 2: Prepare an External USB Storage Device

- 1. Connect an external USB storage device to your computer.
- 2. Copy the downloaded zip file to the external USB storage device.
- 3. Decompress the zip file on the external USB storage device.

### Step 3: Run Command Prompt as Administrator

- 1. Right-click the Command Prompt icon in your Windows Start menu.
- 2. Select "Run as Administrator" from the context menu.

### Step 4: Change Working Directory

- 1. In the Command Prompt window, change the current working directory to "Altos P10\_F7 BIOS (R01-B2)UCP" on the external USB storage device.

### Step 5: Execute BIOS Flash Tool

- 1. Run the BIOS flash tool named "R01-B2.exe".
- 2. The BIOS update process will begin.

### Step 6: System Shutdown

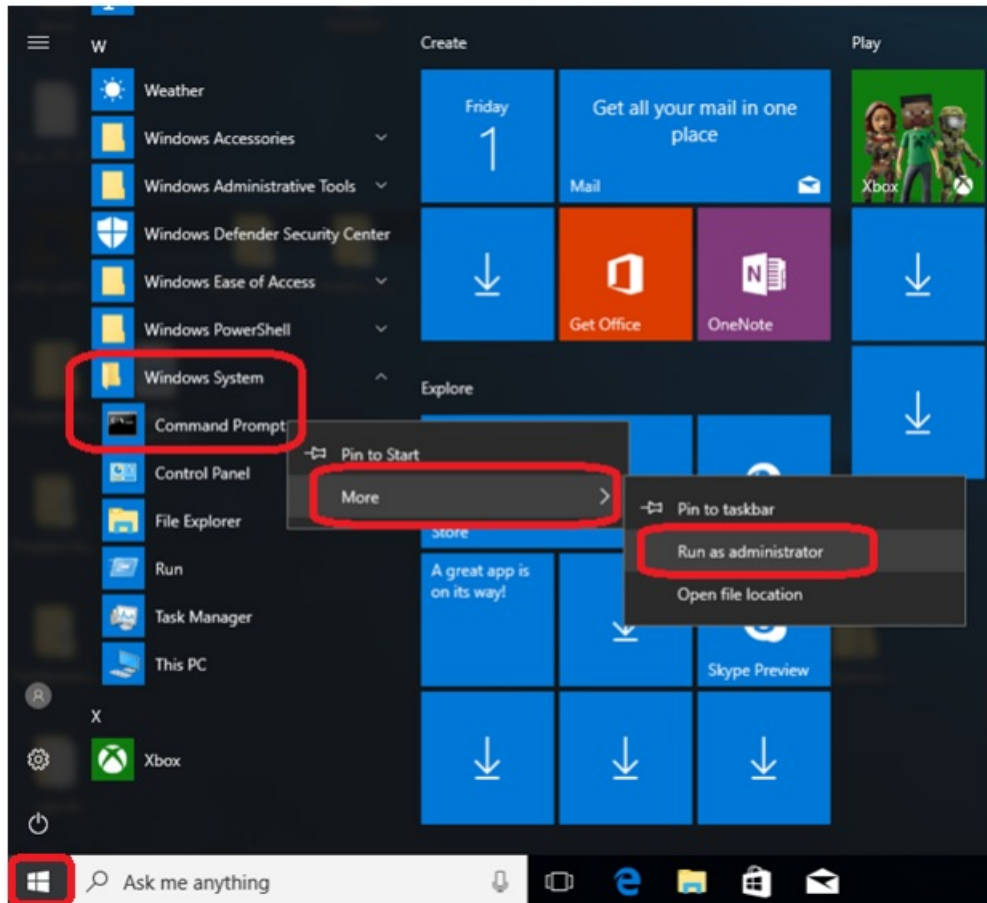
- 1. After executing the BIOS flash tool, press any key to initiate the system shutdown process.

### Step 7: System Reboot and Flash BIOS

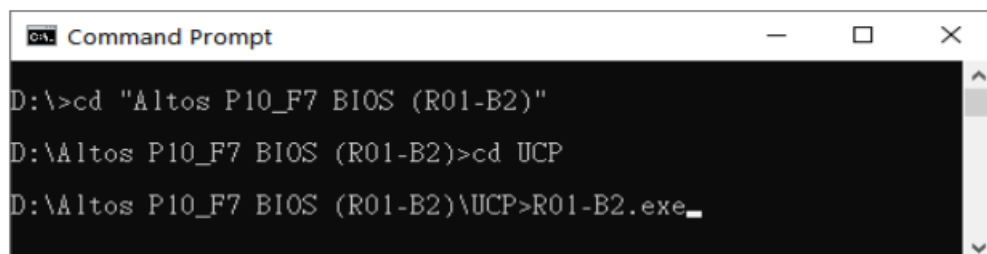
- 1. The system will automatically reboot and flash the updated BIOS.
- 2. Do not interrupt the process by unplugging the AC power cord or powering off the workstation system. Doing so may result in system failure and void Alto's limited warranty.

## Upgrade System BIOS in Windows Mode

1. Please download the Altos BIOS zip file "Altos P10\_F7 BIOS (R01-B2).zip" from Alto's official website.  
(<https://www.altoscomputing.com/zh-TW/download>)
2. Copy and decompress the above zip file into your external USB storage device.
3. To run the Command Prompt application in an Administrator role in Windows 10 or Windows 11, right-click the icon in your Windows Start menu and select "Run as Administrator". (See below picture



4. Please change working directory to "\Altos P10\_F7 BIOS (R01-B2)\UCP\" of your external USB storage drive.
5. Execute the BIOS flash tool 'R01-B2.exe' to start the system BIOS update.



6. Press, the system will be going to shut down

```
Microsoft Windows [Version 10.0.15063]
(C) 2017 Microsoft Corporation. All rights reserved.

C:\Users\user>e:

E:\>cd WIN

E:\WIN>FLASH_x64.bat

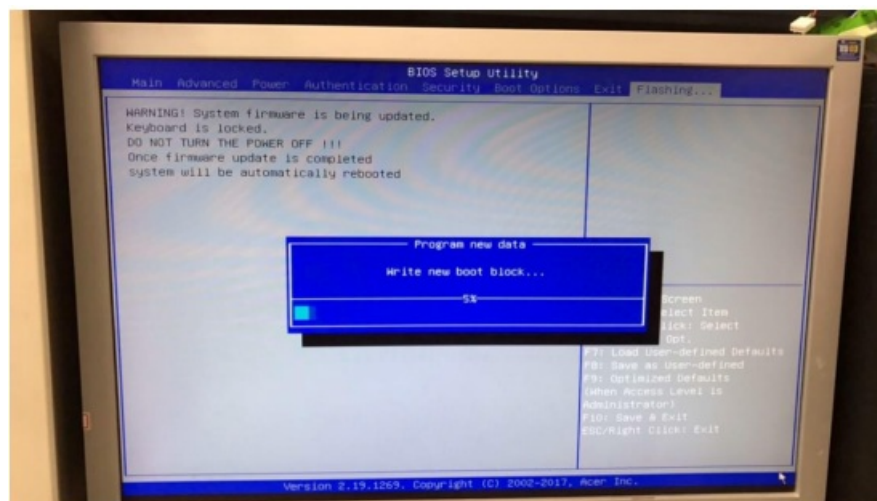
E:\WIN>AFUWINx64.exe .\ROM\B2.CAP /P /B /N /R /MEUL /CAPSULE

+-----+
|  AMI Firmware Update Utility v5.09.02.1384  |
|  Copyright (C)2017 American Megatrends Inc. All Rights Reserved.  |
+-----+

Reading flash ..... done
- FFS checksums ..... ok
- Check RomLayout ..... Ok.
Loading capsule to secure memory buffer... done
Input the ME Local data into the BIOS..... done
System is going to shutdown, are you ready? (Y/N)... _
```

7. The system will auto reboot and flash BIOS.

**Important Reminder:** Please do not unplug the AC power cord or power off the workstation system during BIOS update process, otherwise, it will cause the system failure and this is not covered by Altos limited warranty.



## FAQ

### Frequently Asked Questions (FAQ)

- **Q: Can I update the system BIOS using a different operating system?**
- **A:** No, the Altos P10\_F7 ME Firmware & System BIOS Update SOP is specifically designed for Windows 10 and 11 operating systems.
- **Q: What should I do if the system fails during the BIOS update process?**
- **A:** If the system fails during the BIOS update process, please contact Altos Computing for further assistance. The failure caused by improper handling is not covered by Alto's limited warranty.



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BrainSphere ME Firmware and System, BrainSphere ME Firmware and System, Firmware and  
System

References

- [Altos](#)
- [User Manual](#)