

## Advantech AE Technical Share Document

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Category	■ FAQ □ SOP	Related OS	RTOS
Abstract	How to update WOP-2000V Series BIOS (v1.2)		
Keyword	BIOS, WOP-2000V		
Related Product	WOP-2000V		

## Problem Description:

When user downloaded project into WebOP V Series, data might fail if you unplug cable during update. It might also make RTOS crash. So user can update OS manually by RS-232 cable.

## Brief Solution - Step by Step:

How to update WOP-2000V Series BIOS (v1.2)

NOTE: Only WebOP Designer 1.2 version support BIOS UPDATE.

- 1. Power off WebOP (unplug power connector), keep press "left up corner" of Panel and Power ON WebOP (plug power connector), you will enter BIOS mode.
- 2. Click update BIOS, the message "waiting for download" will shows up. That means WebOP is waiting for update BIOS.
- 3. Connect PC/Laptop and WOP-2000V by RS232 cable (pin 2,3 pin cross-over, pin 5 GND), notice that must use cable with pin 2, 3, 5 only, it will fail if others pin are connected.
- 4. Open WebOP Designer 1.2, Select Tool, and <u>Update OS0 through BIOS</u>.

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	Language Selection 🔸
B W 🔚 🛗 FI 🛨 CD 💷 📀	🗣 🔤 Run Offline Simulation
	Run Online Simulation
	Set Transparent Communication Start Transparent Communication End Transparent Communication
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5. Select correct model and select the COM port on your PC/Laptop. Then click update.

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Update OSO through BIOS	? ×
Panel Model: W0P-2080V (Ethernet)	<b>•</b>
Link Settings	
🖸 СОМ	
Port: 通訊連接埠 (COM2)	
Status	
Update	Close

- 6. The screen will stay with "No Valid OS/OSAP"
- 7. WebOP Designer open your project (pm2) and download project from Serial Port.



- 8. Done.
- Reference: