

# MiniPro 3.1 USB-C (May 2017)

## Firmware update to add TRIM functionality for SSDs.

1. Connect a MiniPro 3.1 to a Windows computer. Disconnect all other external hard drives.
2. Download the firmware update tool: [http://oyendigital.com/tech/firmware/MiniPro31\\_0517\\_Trim.zip](http://oyendigital.com/tech/firmware/MiniPro31_0517_Trim.zip)
3. Extract the contents of the zip file to your computer.
4. Open the file: 'MPTool.exe'. (If Windows blocks it, select More Info>Run Anyway. Or right-click and select Properties>Unblock).
5. The utility will open and the MiniPro will be listed. Click the 'play' button in the lower-left corner to begin the update process.

**Note:** The update will not delete data from the drive.

The screenshot shows the Asmedia MPTool interface. The 'Device Configuration' section includes fields for Vendor ID (174C), Product ID (55AA), and Device Revision (0100). The 'Device Function' section has 'Update FW' selected. The 'FW Browser' shows a file named '161028\_B1\_26\_80.bin'. The main table has the following data:

Port#	Status	VID	PID	Serial Number	FW Version	Capacity	Config Upd...	FW Update	ReLink	Partiti...	Format	R/W Test	Preload
0	SUP...	174C	55...	6PS3KFQG0000	151030b12602								
2													
3													
4													
5													
6													
7													
8													

The progress bar at the bottom shows 0% completion.

6. After completed, it will show the following:

The screenshot shows the Asmedia MPTool interface after the update is complete. The 'FW Update' column in the table now shows 'PASS'. The progress bar is green and shows 100% completion. A large 'PASS' banner is visible in the bottom right corner.

Port#	Status	VID	PID	Serial Number	FW Version	Capacity	Config Upd...	FW Update	ReLink	Partiti...	Format	R/W Test	Preload
0	SUP...	174C	55...	6PS3KFQG0000	161028b12680			PASS	PASS				
1													
2													
3													
4													
5													
6													
7													
8													

The progress bar at the bottom shows 100% completion.

7. Cycle the power on the MiniPro. The firmware is now updated.