

# MiniPro eSATA / USB 3.1 (May 2017)

## Firmware update to add TRIM functionality for SSDs.

1. Connect a MiniPro eSATA / USB 3.1 to a Windows computer. Disconnect all other external hard drives.
2. Download the firmware update tool: [http://oyendigital.com/tech/firmware/MiniProE31\\_0517\\_Trim.zip](http://oyendigital.com/tech/firmware/MiniProE31_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.

asmedia  
Asmt 105 MPTool Ver 2.2.0.0

Format: TYPE1 Vendor ID: 174C Product ID: 55AA Device Revision: 0100

Device Configuration

Serial Number: [ ] Input From Barcode: [ ] Input From HDDSN: [ ] S/N CHK: [ ] S/N Increase: [ ]

Manufacturer String: Oyen

Product String: MiniPro E31

Idle Timer: Never

Device Function

USB Status: USB 2.0

MP Auto Mode: [ ] Update Config: [ ] Update FW: [ ] Reload FW: [ ]

Partition / Format: Type: NTFS

Drive Label: NEW DISK

Partition Type: MBR

W/R Test: [ ] Preload Files: [ ]

Speed Test: Read: [ ] Write: [ ]

Auto Safe Remove After: 0 Seconds

FW Browser: 161028\_B1\_26\_80.bin

Preload Browser: C:\test

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													

Pass: 0 Fail: 0 Total: 0 Progress Bar: [ ] Progress: 0%

6. After completed, it will show the following:

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Drive Label: NEW DISK

Partition Type: MBR

W/R Test: [ ] Preload Files: [ ]

Speed Test: Read: [ ] Write: [ ]

Auto Safe Remove After: 0 Seconds

FW Browser: 161028\_B1\_26\_80.bin

Preload Browser: C:\test

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													

Pass: 1 Fail: 0 Total: 1 Progress Bar: [ ] Progress: 100%

**PASS**

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