

DynaSample - XpressO

BIOS UPDATE

Almost all XpressOs until serial XO-118-068 have been delivered with the BIOS version 1.05. The new version 1.06 improves the performance and it is recommended to update the mainboard BIOS to this version.

**PLEASE NOTE THAT YOU ARE DOING THIS ON YOUR OWN RISK!
DYNASAMPLE IS NOT RESPONSIBLE FOR ANY POTENTIAL DAMAGE!**

This is how the update is done:

Software version 2.0.0 RC7 or higher is required!

1) Creating the drive with the new BIOS version

- Go to [Utility] and several times to the left until you see "Create XpressO BIOS Drive 1.06".
- Press [OK] to continue.
- When asked to connect a USB drive with 512 MB or larger connect a USB thumb drive.
WARNING(!): The drive will be erased. Make sure to have no important data on it.
- Press [OK] to continue.
- When asked "Are you really sure?" confirm once more with [OK].
- The XpressO will create a DOS drive of close to 500 MB with the BIOS data. This should take approximately 1-2 minutes.
- When you see "Done - XX min XX sec - creating drive finished!" you can switch the unit off. Keep the USB drive in place.

2) Updating the mainboard BIOS

- Switch the SSD power switch on the rear to OFF by setting it to the bottom position.
- Connect a HDMI monitor for watching the BIOS update.
- Connect the USB drive containing the new BIOS - if not already connected. Do NOT connect any other USB device.
- Switch the XpressO on. The BIOS update software will start automatically.
DO NOT DISCONNECT THE POWER IN ANY CASE !!!
(Turning the unit off or disconnecting the power will most likely render the mainboard unusable!)
- You will see the blue progress bar going **2 times** to 100%.

```
Please do not remove the AC power

Insyde H20FFT (Flash Firmware Tool) Version (SEG) 100.00.07.20
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      Initializing
      File loading  100 %

Current BIOS Model name: Braswell
New   BIOS Model name: Braswell

Current BIOS version: 1.06
New   BIOS version: 1.06

      Updating Block at FFEFA000h
      0%      25%      50%      75%      100%
      [Progress bar] 87%
```

This will take a few minutes ...

Only after the progress bar has reached 100% for the second time and you see on the bottom of the screen:

BIOS updated, please perform a full reboot for completing the operation

C:\>

```
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      Initializing
      File loading  100 %

Current BIOS Model name: Braswell
New   BIOS Model name: Braswell

Current BIOS version: 1.06
New   BIOS version: 1.06

      Updating Block at FFFFF000h
      0%      25%      50%      75%      100%
      [Progress bar] 100%

      Flash complete!

BIOS updated, please perform a full reboot for completing the operation

C:\>
```

- Switch the POWER OFF and remove the BIOS update drive.
- Set the SSD power switch back to the upper position to turn it back on.
- Restart with the new BIOS version and enjoy the increased performance!