

DSLR FILM NOOB Podcast #38 Show notes:



Consumer SSD drives are finally getting really big with Samsung's new 850 EVO and 850 pro drives. These [new drives provide 2TB of space](#) in the same 2.5 inch form factor.

A few things to think about. First, the reason Samsung has been able to get a drive this big is that they are using a more powerful controller inside of the SSD. Basically SSD drives use a lookup table to access files and little cpu in the drive handles this. The new 2TB drives have more DRAM (2GB of dram in this case) as well as a new controller to handle that much storage space. Nand flash dies have stayed pretty much the same so it doesn't look like V-NAND has changed much on these drives.

MSRP looks like between \$1000 for the pro and \$800 for the Evo.



I've been talking about the [Olympus air](#) over the past few podcasts, but it's not the only Sensor in a can camera coming to the market. Meet the [Sony ILCE-QX1 Mirrorless lens-Style camera](#). At a price of \$399 this is basically a APS-C Sony mount sensor in about the same form factor as the Olympus air.

It's most likely better in low light thanks to the size of the sensor, Early reviews say it's a bit slow and laggy and unlike the QX30 it only shoots about 3 frames per second (30 shot 10 fps). If you have a lot of Sony lenses in your collection it could be a decent buy.

Specs:

- Clips to Smartphone and Shoots Uncoupled
- Sony E Lens Mount
- 20.1MP APS-C Exmor APS HD CMOS Sensor
- BIONZ X Image Processor
- Full HD 1080p Video Recording at 30 fps
- RAW Shooting & ISO Range up to 16000
- Wi-Fi Connectivity with NFC
- Continuous Shooting up to 3.5 fps
- Built-In Flash with Guide Number of 13'
- microSD and Memory Stick Micro Card Slot

M.Zuiko ED 7-14mm f2.8 PRO



[Write a review](#)

BACKORDER

Expected to Ship late August. No expedited shipping.



Just a disappointing side note for me, the Olympus 7-14mm f2.8 lens shipping date is now delayed until august. I've waited over a year, [guess I can wait a bit longer.](#)



INTRODUCING
HERO4
SESSION

So small. So stoked.

LEARN MORE >

GoPro Hero 4 Session just announced. Specs:

- Available for order on July 12th. Smallest, lightest GoPro yet
- Durable and waterproof to 33' (10m), no housing needed
- Easy one-button control, power up and capture videos or photos with a single press
- Professional quality up to 1440p30, 1080p60 and 720p100 video
- 8MP photos with 10 fps Burst
- Built in battery
- Single button start
- Dual Mic system
- Superview

It's small, it's waterproof to 33 feet with no housing, and it's priced at \$399. [What market do you think they are aiming this at?](#)

Some Hero 4 session sharpness test: <https://www.youtube.com/watch?v=sotJnM3ZbvE>



[Palette interface looks](#), I'll say it, Bad ass! Basically it's a bunch of faders and knobs that are magnetically coupled so that you can connect different bits to create the perfect interface.

Petapixel is showing this off as a photo editing app, but imagine this for audio editing, color grading, multicam mixing, and more. [Palette](#) looks like it has a lot of potential.

Preorder starts at \$299 for 1 core screen, 2 buttons 3 dials and 2 sliders. Very very cool, though a little spendy. (originally launched on kickstarter)

[You can find a review here.](#) Midi and Keyboard emulation looks pretty handy as well.



Building a tiny editing rig with the [Asus GTX 970 mini itx GPU](#) and the [\\$49 Rajjintek Metis Aluminum Mini-ITX Case](#).

I've been looking to update my old AMD 8150 secondary editing rig for awhile and I was wondering how small I could really make things. This system should be the smallest and coolest running editing system I'll have when everything is finished.

Build will include:

- [Rajjintek Metis case \\$49](#)
- [Asus GTX 970 min GPU \\$340](#)
- [Intel 4770k CPU \\$280](#)
- [Asrock Z97E-ITX/AC Mini itx board \\$104](#)
- [Corsair Vengeance Pro 16GB 2400mhz ddr3 ram \\$99](#)

Power supply and SSD drives will be rescued from my old system. Build is right at \$800 (got a number of these items on amazon warehouse deals). I'll be doing rendering tests, but I expect this system to outperform my old 8150/gtx 680 combo by a decent margin and it'll all fit in a tiny tiny package.

Also, prime day is coming! <http://camelcamelcamel.com/>

Canon Expo is coming! <https://expo.usa.canon.com/>

Start times:

Samsung: 3:00

sony qx1: 13:10

olympus: 17:50

Gopro: 19:44

Palette: 26:05

Asus: 33:45

AOC 4k monitor \$349: 41:30

Amazon Prime Day 44:45

Canon Expo: 48:00