

# USB 3.1 or Thunderbolt ... The Fast and the Furious

# Larry O'Connor Founder, CEO Other World Computing, Inc.

### Flash Memory Working in the Cloud Has Its Problems





**Engineers, Designers, Creatives Cannot:** 

- Do Their Work on a Tablet, Smartphone, Wearable
- Rely on Insecure, Unreliable, Unsafe Cloud



## **Business, Creative Needs**

- Endurance
- Performance
- Energy efficiency
- Speed
- Reliable Throughput



## **Local Solid State**



### **Connectivity Makes the Difference**



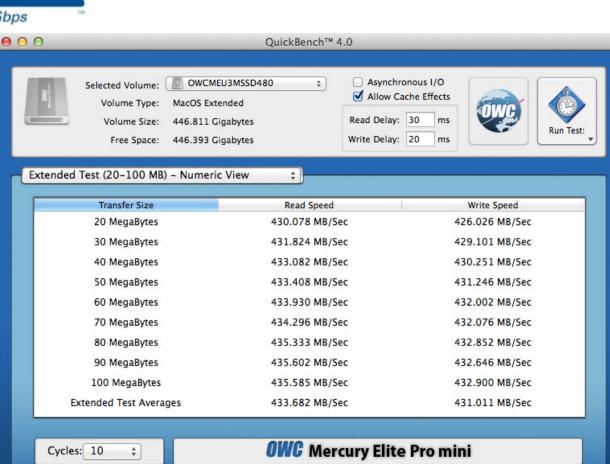


### **Features**

- 10Gps data rate
- Improved I/O power efficiency
- Supports 2.0 + devices, hubs
- Large installed base
- Very affordable

#### Challenge – Hardware must be built for USB 3.1 – No shortcuts

No shortcuts	
Flash Memory Summit 2014 Santa Clara, CA	



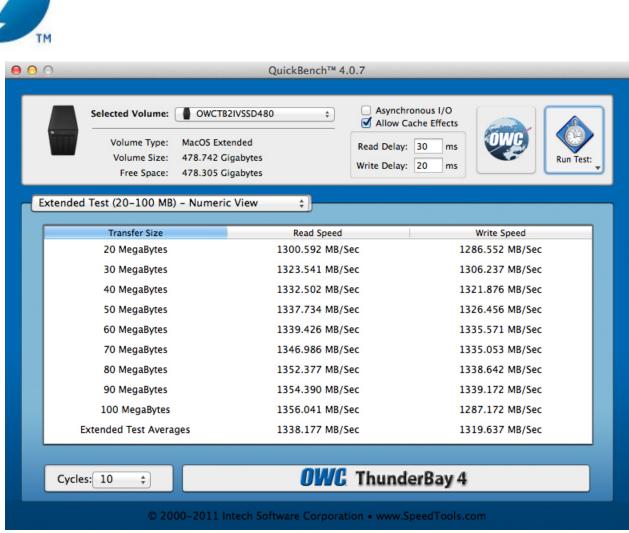
© 2000-2011 Intech Software Corporation • www.SpeedTools.com

Mercury Elite Pro USN 3-Speed Test USB 3.1 will be even faster—when it becomes widely available.



#### **Features**

- Fast Read/Write Performance - Up to 675MB/s read and 618MB/s write RAID 5 performance. Up to 895MB/s read and 862MB/s write RAID 0 performance
- Optimum use of devices
  Up to 6 devices/port
- Software RAID-Removes Barriers
- Challenge Hardware must be built for Thunderbolt 2 – No shortcuts



#### Thunderbolt IV Speed Test

Thunderbolt and the Thunderbolt logo are trademarks of Intel Corporation in the U.S. and/or other countries.



- Workload dependent Online vs. Nearline
- Expansion dependant
- Profit dependant Time is Money