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IntelliProp, Inc. Announces New SATA Bridge with NCQ

The IPA-SA117A-BR improves performance and increases single volume SSD storage capacity by aggregating several storage drives into one

Longmont, Colo - August 16, 2012 - [IntelliProp, Inc.](http://www.intelliprop.com), a leader in innovative semiconductors for Data Storage applications, announced today the availability of a new, [SATA Bridge with NCQ](#), the [IPA-SA117A-BR](#). The new device was developed at IntelliProp's Longmont design center using their internally developed SATA interface cores and logic. The IPA-SA117A-BR provides bridging between a SATA Gen-III (6 GHZ) host and a number of SATA storage drives. The IntelliProp IPA-SA117A-BR (code named "[Hydra](#)") presents itself, looks and acts as a single, larger capacity SATA storage device. The IPA-SA117A-BR supports [DSM-TRIM](#) commands, [SMART](#) and allows direct drive access for maintenance or vendor commands. "The IPA-SA117A-BR is a very high performance device and allows SSD manufacturers to build [cost effective](#) 2TB and 4TB drives today in 2.5" and 3.5" form factors," remarked Larry Cleland, Director of Sales and Marketing at IntelliProp. Even higher capacity drives can be created, "by cascading a number of IPA-SA117A-BR devices, which can make the number of SATA connections manageable in applications such as multi-TB storage appliances where 30 to 60+ individual SSD DIMM drives need to be addressed by a host," continued Cleland. High throughput of 550 MB/s+ is accomplished with very little latency as all read and write I/Os are completed in hardware without the need for firmware intervention.

IPA-SA117A-BR customer designs are supported through a detailed implementation guide; reference design, including schematics, board layout files BOM; and "bring up" programming files.

The IPA-SA117A-BR is available today through IntelliProp, Inc. For additional information, please contact Larry Cleland at phone: 303-358-8359; or email: lcleland@intelliprop.com.

IntelliProp is exhibiting at [Flash Memory Summit](#), August 21-23 in Santa Clara, CA in booth 909. The IPA-SA117A-BR will be running performance and capacity demos during the show.

About IntelliProp, Inc.

IntelliProp, Inc. develops [ASSP Products](#), [IP cores](#) and highly integrated licensable [IP Products](#) for the Data Storage industry. Areas of significant expertise exist in SATA, SAS, PCIe and RAID technologies. Its headquarters, sales office and design center are located in Longmont, CO. Please see our internet site for more information: <http://www.intelliprop.com>.

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