

OCIPUG HARDWARE SIG

August 17, 2010

OCIPUG Hardware SIG

- Agenda - August 17, 2010
 - 6:00 - 6:05 Administration
 - 6:05 - 6:05 Featured Topic: **none**
 - 6:05 - 6:35 Hardware News
 - 6:35 - 6:55 Hardware Submission and Random Access (Q&A)
 - 6:55 - 7:00 Next Meeting Info

OCIPUG Hardware SIG

- Administration
 - Welcome! Please Sign In.
 - This SIG is a resource for computer users and potential computer users
 - Random Access “Log” - sets response sequence
 - Hardware Assistance **RELEASE** Form
 - This presentation will be posted on the OCIPUG Hardware SIG web site:
 - Click the “Hardware” link at <http://www.ocipug.org/>

OCIPUG Hardware SIG

- Administration (continued):
 - Also posted on that web site:
 - SIG info and meeting schedule
 - Prior presentations (back to “Day One”, April 11, 2000)
 - Hardware links (to press releases and product pages)
 - “Resource” links (to product reviews, product news, “self help”, PC technology and industry/standard organizations, e-tailers, and pricing engines)

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- Hardware News
 - Processors
 - Intel released:
 - **Core i7-970** for the enthusiast desktop - 3.2GHz, 6 cores/12 threads, 12MB smart cache, 4.8GT/s QPI, 130W TDP, 32nm process technology, socket LGA1366; MSRP: \$885 (1K) [\$900, boxed, free shipping at Newegg]
 - **Core i5-760** for mainstream desktops - 2.8GHz, 4 cores/4 threads, 8MB smart cache, 2.5GT/s DMI, 95W TDP, 45nm process technology, socket LGA1156; MSRP: \$205 (1K) [\$210, boxed, free shipping at Newegg]
 - Core Logic (Chipsets) - nothing new

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- Hardware News (continued)
 - Motherboards - nothing new
 - System RAM
 - Kingston announced the “[HyperX H2O](#)” water-cooled, DDR3 memory modules for gamers - 4GB (2 x 2, dual channel) and 6GB (3 x 2, triple channel) models, speeds to 2133MHz and up to 9-10-9-27 timing at 1.65V; MSRP: \$157-\$235 [\$205 for 6GB model, Newegg]
 - Graphics Processors and Cards - nothing new

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- Hardware News (continued)
 - Hard Drives and SSDs
 - Corsair announced the addition of new models to its **Force SSD** line - 40, 80, and 160GB; performance exceeds 280MB/sec sequential read, 270MB/sec sequential write, 50K IOPs; SandForce SF1200 controller, bootable, TRIM support; MSRP: \$130-\$450
 - Micron announced the **RealSSD P300** series for the enterprise - SLC; 50, 100, and 200GB models; up to 360MB/sec seq read and up to 275MB/sec seq write; SATA 6Gbps interface; no info re TRIM or bootability; sampling now

OCIPUG Hardware SIG

- Hardware News (continued)
 - Hard Drives and SSDs (continued)
 - Samsung announced the **4FEG** (4F EcoGreen) line
 - 1.5 and 2TB models (667GB on each of 3 platters for the 2TB model), rpm unk (no detailed spec), 32MB cache, SATA II/300 interface; MSRP: \$120 (1.5TB)
 - Super Talent announced the **UltraDrive MX** series of dual-interface SSDs for internal or external use - 60-480GB capacities, JMicron 616 controller, up to 250MB/sec read and 180MB/sec write, SATA II/300 and mini-USB interfaces; MSRP: unk

OCIPUG Hardware SIG

- Hardware News (continued)
 - Hard Drive Controllers - nothing new
 - Other Drives
 - Plextor announced the **PX-B120U** USB-powered, external, BD ROM drive - 4X BD-ROM; MSRP: \$99.99 (bundled with software and USB cable)
 - Sound Processors and cards
 - ASUS released the [Xonar Xense Premium Audio Gaming Set](#) - card plus Sennheiser headphones; 118dB SNR, PCIe x1 interface; MSRP: ukn

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- Hardware News (continued)
 - Modems and NICs
 - Zoom announced the **4402 Wireless-N Router** - 802.11b/g/n with (4) 10/100 Ethernet ports; MSRP: \$39 (online at \$31)
 - Power Supplies
 - Seasonic announced the **X-400** (SS-400FL) and **X-460** (SS-460FL) **fanless** models for HTPC applications - 400 and 460W, respectively (33 and 38A, respectively, on single +12V); fully modular cable set; 5 year warranty; \$139 (400W) at Newegg

OCIPUG Hardware SIG

- Hardware News (continued)
 - Miscellaneous
 - ASUS announced the [VG236H](#) 3D monitor - 23", 1920x1080 Full HD, 120Hz, 2ms GTG, 400 nits, **includes NVIDIA 3D vision kit** (glasses +); \$500
Newegg

OCIPUG Hardware SIG

- Hardware Assistance and Random Access (Q&A)
 - Hardware Assistance **Release** Form
 - Random Access Log

OCIPUG Hardware SIG

- Next Meeting
 - Date: September 21, 2010
 - Featured Presentation Topic: probably “none” until the next annual hardware update series, starting in January 2011 - Hardware News and Q&A for the balance of 2010.