



OCIPUG Hardware SIG

July 10, 2007

OCIPUG Hardware SIG

- Agenda – July 10, 2007
 - 7:30 – 7:35 Administration
 - 7:35 – 8:30 Hardware News
 - 8:30 – 9:55 Hardware Submission and Random Access (Q&A)
 - 9:55 – 10:00 Recap, Preview, and Close

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● Administration

- Welcome! Please Sign In.
- What the SIG is...and is not.
 - Is - a resource for computer users and potential computer users
 - Is NOT – a cheap way to get your computer built or repaired
- Logs – Random Access & Hardware Submission (First Come...)
- Hardware Submission & RELEASE

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- Administration (continued):
 - Presentation materials will be posted at:
[http://www.edscustomcomputers.com/
welcome_to_the_ocipug_hardware_s1.htm](http://www.edscustomcomputers.com/welcome_to_the_ocipug_hardware_s1.htm)
 - Prior presentation materials also posted.

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- Hardware News
 - Processors – nothing new
 - Core Logic (Chipsets) – nothing new
 - System RAM – nothing new

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- Hardware News (continued)
 - Motherboards
 - ASUS released the “ROG Blitz Extreme” gamer board based on the Intel P35 chipset – special features:
 - “Crosslinx” graphics controller (bifurcater) – supports dual PCIe x8 graphics card slots (8+8 lanes) under AMD Crossfire (vs the chipset’s native 16+4)
 - “Fusion Block System” – a water block on the northbridge to **facilitate** connection of a water cooler (to help cool the Crosslinx chip, northbridge , southbridge, and MOSFETs).
 - <http://www.asus.com/products4.aspx?modelmenu=2&model=1689&l1=3&l2=117&l3=0&l4=0>

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- Hardware News (continued)
 - Graphics processors & cards
 - AMD (ATI) re-announced its HD 2600 and HD 2400 Series” GPUs – added branded cards (?):
 - HD 2600 Series (mid-range) – 128-bit, 120 stream processing units, DX10, \$89-\$149 SEP – 2 models: “HD 2600 XT” (512MB GDDR3, Crossfire) and “HD 2600 PRO” (256MB DDR2)
 - HD 2400 Series (entry level) – 64-bit, 40 stream processing units, DX10, \$50-\$85 SEP – 2 models: “HD 2400 XT” (partner only, 256MB DDR2 or GDDR3) and “HD 2400 PRO” (256MB DDR2, Crossfire)
 - All support HDMI/HDCP; up to 1080p digital (HD 2600 series).
 - Cards announced by ASUS, Gigabyte, MSI and other partners. Check detailed specs for Crossfire support and memory configs.

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- Hardware News (continued)
 - Graphics processors & cards (continued)
 - NVIDIA (stealth) released the GeForce 8400 GS entry level GPU – 64-bit memory interface, DX10; cards released by ASUS, Gigabyte, MSI, and other partners.
 - Hard Drives
 - Iomega announced the “eSATA Professional Hard Drive” – 500GB, eSATA and USB 2.0 interfaces, MSRP: \$210
 - Samsung announced the 1TB SpinPoint F1 series drive – 7200 rpm, 32MB cache, spec not posted; MSRP: \$399

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- Hardware News (continued)
 - Hard Drives (continued)
 - Seagate announced:
 - Barracuda ES.2 for the enterprise (servers) – 250GB-1TB, 7200 rpm, 32MB cache, 1287 Mbps int, 1.2 mil hr MTBF, SATA II or SAS
 - Barracuda 7200.11 for mainstream users – 500GB-1TB, 7200 rpm, 32MB cache, internal transfer rate UKN (assume same as ES.2), SATA II, 5 yr warranty, \$400 MSRP for the 1TB model.
 - Western Digital announced that the “My Book” family of external drives now includes 750GB and 1.5TB models – the 1.5TB models (2 x 750GB) are available in the “Edition II” versions of the Premium, Pro, and World lines
 - Compare at <http://www.wdmybook.com/en/compare/compare.asp>
 - Recall that WD has yet to announce a 1TB model bare drive

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- Hardware News (continued)
 - Hard Drives (continued)
 - Western Digital announced the “My Library Video Edition DVR Expander”, an attachment for Scientific Atlanta 8300 DVR series STBs – 500GB, eSATA, \$200 MSRP.
 - Hard Drive Controllers – nothing new
 - Other Drives
 - LG released the “GSA-H55NI” SuperMulti DL DVD burner – box says 20X, online spec says 18X, ATAPI, HW/SW combo for password protection and digital signature; \$60 at Sam’s Club

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- Hardware News (continued)
 - Other Drives (continued)
 - Samsung released the SH-S203B SuperMulti DL DVD burner – 20X DVD+/-R, 16X DVD+R DL, SATA interface
 - Sound processors & cards – nothing new
 - Modems & NIC – nothing new
 - Chassis & Power Supplies
 - Antec introduced its “TruePower Quattro” power-efficient, power supply line – 850W and 1000W models, (2) 6-pin and (2) 6+2-pin PCIe connectors, 8 SATA and 9 Molex connectors, MSRP: \$250 and \$300, respectively.
 - <http://www.antec.com/us/productDetails.php?ProdID=27850#>

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- Hardware Submission & Random Access (Q&A)
 - Hardware Submission – Log and Release
 - Random Access - Log

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- Recap, Preview, and Close

- Recap

- Preview

- Featured Topic for August 14, 2007: N/A

Segment discontinued until December, 2007 when it will return with "CPUs: 2007-08 Update"

- Close (please police up the area)