

# OCIPUG Hardware SIG



**April 10, 2007**

# OCIPUG Hardware SIG

- Agenda – April 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

# OCIPUG Hardware SIG

## ● 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

- Intel introduced the “Core 2 Extreme processor QX6800” in Socket 775 – 65nm technology, 2.93GHz, quad core, 1066MHz FSB, 8MB L2 (2 x 4MB), \$1199 (1K)

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- Hardware News (continued)
  - Core Logic (Chipsets)
    - NVIDIA released the “nForce 680i LT SLI” MCP (Media and Communications Processor) for Intel Core 2 Duo, Core 2 Quad, and Core 2 Extreme-processor-based gamer motherboards – 2-chip solution, 1333MHz FSB (capable), dual PCIe x16-capable, reduced overclocking capability compared to “680i SLI”. “Designed By NVIDIA” motherboard solutions announced by EVGA, XFX, BFG and other primarily-video-card manufacturers. Focus – to provide a solid gaming platform under \$200.

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- Hardware News (continued)
  - System RAM – nothing new
  - Motherboards – nothing (else) new
  - Graphics processors & cards – nothing new
  - Hard Drives
    - Samsung announced its “SpinPoint S166” series of low noise drives for CE/media center/office applications – 80 and 160GB versions released, 2.75 bels during seeks, 7200 rpm, 8MB cache, PATA or SATA II. No MSRP.

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- Hardware News (continued)
  - Hard Drive Controllers
    - Adaptec released the 29320LPE Ultra320 SCSI, single-channel, host bus adapter (HBA) with PCI Express x1 interface. SRP: \$240
    - Adaptec released five “Unified Serial” RAID controllers with PCI Express interface – support 4-16 SATA II and/or SAS (Serial Attached SCSI) drives; 128 or 256MB cache; PCIe x4 or x8 interface; RAID 0, 1, 5, and 6. SRP: \$390-\$995.

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- Hardware News (continued)
  - Other Drives
    - Iomega announced the “Power Pro Desktop (external) Hard Drive” – 2TB capacity (4 x 500GB hot-swappable SATA II drives); RAID 0, 1, and 5; FireWire 400/800 and USB 2.0 interfaces; back-up software bundle; no spec. MSRP: \$1699.
    - Plextor announced the PX-800A internal, Super Multi, DVD burner – up to 18X burning, Vista-compatible, ATAPI interface. MSRP: \$79.
  - Sound processors & cards – nothing new

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- Hardware News (continued)
  - Modems & NICs
    - D-Link introduced the “DWA-556 Xtreme N PCI Express Desktop Adapter” – 802.11b/g/n, PCIe x1. MSRP: \$149.
  - Chassis & Power Supplies
    - Antec announced the MX-1 portable hard drive enclosure – supports SATA I/II drives; eSATA and USB 2.0 interfaces; internal fan (blower); includes cable/bracket to convert an internal motherboard SATA port for external access. MSRP: \$69.

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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 May 8, 2007: N/A

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

- Close (please police up the area)