

Asus A8N-SLI Deluxe with Corsair TWINX1024-3200XL

Note: These performance testing results were achieved in our labs by experienced motherboard technicians. However, these test results are influenced by many factors, including board and BIOS revision, benchmark revision, a myriad of BIOS settings, temperature in the lab, and sometimes, it seems, even the weather outside. Please be aware that your results may vary greatly. These test results are provided for your interest and reference, and are not guaranteed in any way.

Details

Tested On: 4/12/2005

Motherboard Revision: 1.02 | Bios Revision: 1006 | Video Card: GeForce 6800GT

Defaults

Corsair Module: TWINX1024-3200XL | Corsair PN: 10-00312S | Module Revision: 1.1 | Lot #: 0512025

Detected Timing: 2-3-3-5 | Detected Memory FSB: 200

IC Manufacturer: Samsung | IC: 32Mx8 Actual Timing: 2-2-2-5 | Actual Memory FSB: 200

CPU: Athlon64 3200+ | Default CPU FSB: 2000 | Def. VCore: 1.5 | Def. VDIMM: 2.6

Default Speed and Timings Advertised

Timings: 2-2-2-5 | Memory FSB: 200 | VDimm: 2.7 | CPU FSB: 200

Actual Frequency: 2000 | Mem Detected: 1024MB

Multipliers Added In This Section:

Hypertransport Multiplier: 5	CPU Multiplier: 10
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Tests Ran In This Section:

Test 3D Mark 2003 Game 11208 CPU 940	Test 3D Mark 2005 Game 4830 CPU 4549	Test Everest UE Read 5861 Write 2019 Latency 44.8
Test PC Mark 2005 System 4256 CPU 3814 Memory 5696	Test Sandra 2005 SR2 FPU 5655 ALU 5592	

Highest FSB at advertised timings

Timings: 2-2-2-5 | Memory FSB: 215 | VDimm: 2.95 | CPU FSB: 215

Actual Frequency: 2150 | VCore: 1.55

Multipliers Added In This Section:

Hypertransport Multiplier: 5	CPU Multiplier: 10
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Tests Ran In This Section:

Test 3D Mark 2003 Game 11409 CPU 1013	Test 3D Mark 2005 Game 4879 CPU 5043	Test Everest UE Read 6113 Write 2476 Latency 40.3
Test PC Mark 2005 System 4493 CPU 4121 Memory 5921	Test Sandra 2005 SR2 FPU 6050 ALU 5976	

Corsair Notes and Comments

Tuesday, April 12, 2005

The memory latency on this board must be manually set in order to get 2-2-2-5 timings. By default, we saw 2-3-3-5 timings instead of the 2-2-2-5 which are advertised and at spec. Also, raising the voltage from stock (2.6) to 2.75 for the memory is quite useful in addressing any problems one may have with instability. Overclocking the memory may require additional voltage, and up to 2.95 on this board is more than sufficient for these modules.