



AMD Sempron™ Processor Benchmarks

May 2006

*A summary of value desktop
processor performance benchmarks*

Value Processors: Socket AM2 - Overall Performance (Geometric Mean of Benchmark Suites)

AMD Sempron™ Processor Performance Benchmark

Desktop Performance – Overall Performance

AMD Sempron™ 3500+
3400+
3200+
3000+

114%
107%
104%
100%

60

80

100

120



AMD Sempron™ processor model numbers indicate relative software performance within the AMD Sempron processor family.

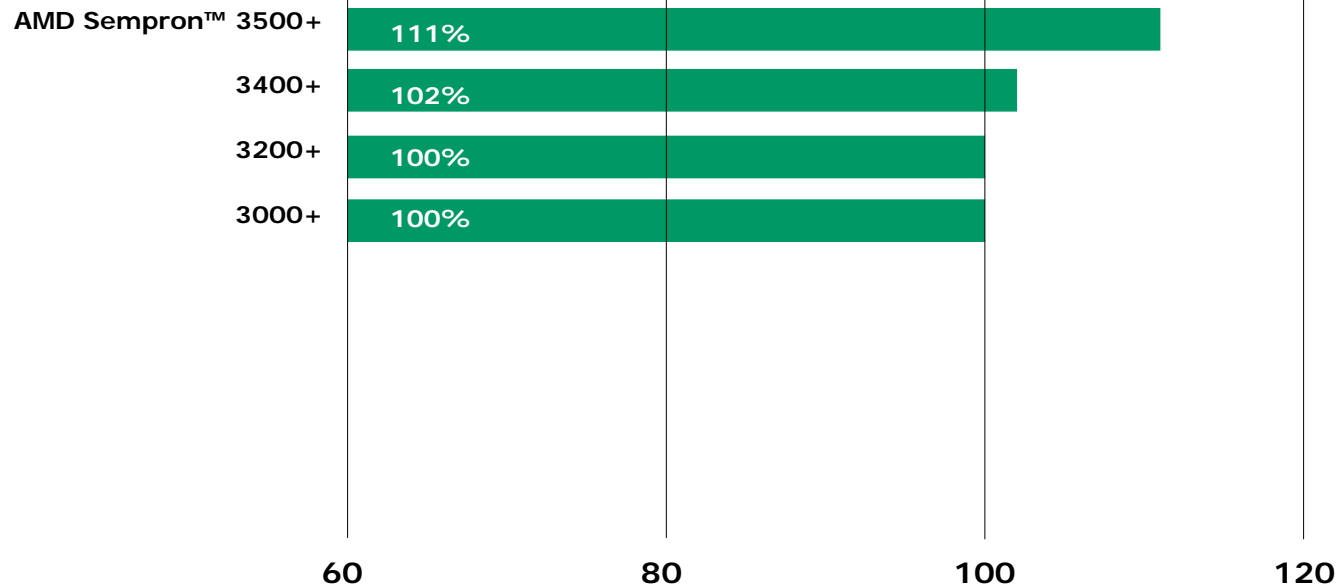


Value Processors: Socket AM2

Office Productivity - BAPCo® SYSmark® 2004SE

AMD Sempron™ Processor Performance Benchmark

Office Productivity – BAPCo® SYSmark® 2004 SE Office Productivity



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Value Processors: Socket AM2

Digital Media - VeriTest Business Winstone 2004

AMD Sempron™ Processor Performance Benchmark

Office Productivity – VeriTest Business Winstone 2004

AMD Sempron™ 3500+
3400+
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Value Processors: Socket AM2

Digital Media - BAPCo® SYSmark® 2004SE

AMD Sempron™ Processor Performance Benchmark

Digital Media – BAPCo® SYSmark® 2004 SE Internet Content Creation

AMD Sempron™ 3500+
3400+
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120%
111%
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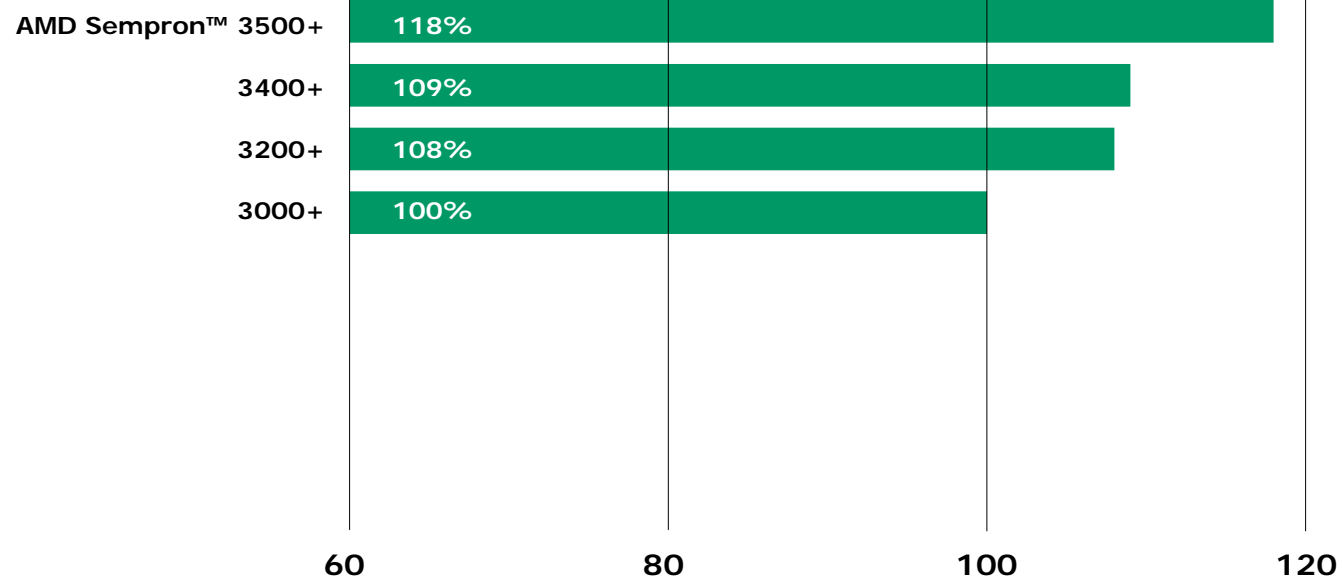


Value Processors: Socket AM2

Digital Media–VeriTest Multimedia Content Creation Winstone 2004

AMD Sempron™ Processor Performance Benchmark

Digital Media – VeriTest Multimedia Content Creation Winstone 2004



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Benchmark System Configuration

AMD Sempron™ processors

Operating System	
Name:	Microsoft Windows XP Home
Version:	RTM, Service Pack 2 installed
Build #:	2600
DirectX Version:	DirectX 9.0C
Processor	
Sempron	
Hardware	
Motherboard:	Asus M2NPV-VM
BIOS Info:	T0428A
Is BIOS publicly available?	Yes No x
Chipset:	Nvidia
Memory	
Manufacturer & Type:	Crucial: MT8HTF3264AY-667BS (DDR2/667/CL5)
Quantity & Size: (each)/(MB)	Qty (2) 256 MB DIMM Module
Total Memory Size: (MB)	512 GIG total
Hard Drive	
Model Name:	Western Digital
Model Number:	WD1600
Hard Drive Size:	160.0 GB
Transfer Mode:	SATA Raid 0 7200K RPM 8M Cache
Other Info:	
Network Card	
Included with Operating System: Yes x No (if No, provide info)	
Name:	Intel® PRO/1000 PM Network Connection
Model Number:	Onboard
Sound Card	
Manufacturer's Name:	SoundMax
Model Number:	Onboard
Version Number:	
Video Card	
Graphics Adapter:	Nvidia Onboard (6150)
Memory Size (MB) and Type:	64MB
Drivers	
EIDE	Publisher Name: NVIDIA nForce 430/410 Serial ATA Controller Version: 5.10.2600.6550 Date if applicable: 1/27/2006 DMA Enabled: Yes X No N/A
Network Card	Publisher Name: Nvidia Version: 50.2.3.0 Date if applicable: 2/17/2006
Sound Card	Publisher Name: SoundMax Version: 5.10.1.4151 Date if applicable: 10/5/2005
Video Card	Geforce 6150 Version: 8.2.0.5 Date if applicable: 1/24/2006 Graphics Resolution: 1024x768 Color Depth: 32 bit Refresh Rate: 85Hz Texture Format: n/a
Other: (Specify any other special conditions or enhancements that are made to the system.)	

Performance & Mainstream Processors

Benchmark Suite

OFFICE PRODUCTIVITY

- BAPCo® SYSmark® 2004SE Office Productivity, Version 1.0 (w/ patch 2)
- VeriTest Business Winstone 2004, Version 1.0.1 (w/SP2 reg fix)

DIGITAL MEDIA

- BAPCo SYSmark 2004SE Internet Content Creation
- VeriTest Multimedia Content Creation Winstone 2004, Version 1.0.1

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