



SEARCH

REVIEWS

NEWS

VIDEOS

SLIDE SHOWS

FORUMZ

COMPARE PRICES

Search Now

[Advanced Search](#)[Home](#)[Reviews](#)[News](#)[How To](#)[Blog](#)[Videos](#)[Slide Shows](#)[Compare Prices](#)[Archives](#)**FATHER'S DAY**[Home](#) » [Mobos & RAM](#) » [Memory](#) »

Hardcore DDR2 RAM by Corsair, G.Skill, OCZ and Patriot

[Patrick Schmid](#), [Achim Roos](#) June 15, 2007 08:22

DDR2 Memory For Geeks



Selecting the right memory can either be a very simple or an extremely complex affair. If you are not into overclocking, you can simply get any memory product that matches your platform's requirements: any branded DDR2-800 memory kit should work with today's Athlon 64 X2 or Core 2 Duo motherboards. However, users who seek to increase memory performance by tweaking operating parameters, or by increasing the memory clock speed, need to spend some time to figure out what they want, and to identify the RAM product that will be perfect for them. In the battle for this market, new enthusiast products from G.Skill, OCZ and Patriot strive to dethrone the current king, [Corsair's PC10000 Dominator series](#).

If you want to dig into high-end memory, be prepared to spend two to three times as much as for mainstream RAM. Accordingly, I would like to



Music, photos, TV shows,
and videos with
one connection.

Enjoy PC entertainment on
your home theater.

Learn more today.



CONNECTS TO
Windows Media Center

FREE TECH PUBLICATIONS
from Tom's Hardware

FREE MAGAZINES AND WHITE PAPERS

[CIO Insight](#)

[Unplanned Work: The Silent Killer](#)

[Business Solutions](#)

[Baseline](#)

[Enforcing IT Change Management Policy](#)

CLICK HERE to Subscribe

point out up front that memory tweaking and overclocking does not have as much of a performance impact as it used to have some years ago. Although a memory clock speed upgrade results in a linear increase in memory bandwidth, this increase is not necessarily reflected by benchmarking software. In fact, memory tuning has a rather small impact on overall performance, as our benchmark results will show. The reason for this is the efficient L2 caches found on every x86 processor today: smart caches not only improve overall system performance, they also diminish the performance difference between high-end RAM and mainstream memory. From our experiences, we can clearly say that spending extra money on a faster processor will usually give you a better performance increase than devoting it to high-end memory.

However, you can only receive the best performance enhancement if you work on all components, so let's get started with the memory. Welcome the title holder Corsair Dominator PC10000, and the challengers G.Skill F2-6400, G.Skill F2-8500, OCZ FlexXLC, OCZ Reaper and the new Patriot PC2-10100.

[Join our discussion on this topic 11](#)

[Digg this article](#) | [Email this article](#) | [Permalink](#)

PAGE 1 of 17

Next Page



TABLE OF CONTENTS

Corsair DHX XMS2 Dominator 2GB PC8888 DDR2 Memory Kit (1GBx2)				
	Shop at	Price	Stock	Seller Rating
Similar Products: G.SKILL 4GB(2 x 2GB) 240Pin DDR2 800 (PC2 6400) Dual Channel Kit Memory G.SKILL 2GB (2 x 1GB) 240Pin DDR2 SDRAM DDR2 1066 (PC2 8500) Dual Channel Kit Desktop Memory FlexXLC Edition 2GB PC2-9200 DDR2 DIMM Memory Kit View More Results	PC Progress Merchant Info	\$704.00	yes	 571 Reviews
	NCIXUS.com Merchant Info	\$728.39	yes	not rated
	Starmark Electronics Merchant Info	\$634.00	Yes	not rated
Compare Prices for All 3 Sellers (\$634.00 - \$728.39)				

ADS BY GOOGLE

[DDR2 Memory on Sale](#)

[Flash Memory](#)

Buy VS1GB533D2 for \$48.62
Go online or call 888-644-7017
www.compuvest.com

1GB DDR2 SODIMM

Major Brand Name Memory
Low Prices, Low Shipping
Charge
store.parts-quick.com

RAMCHECK Memory Tester

Standalone RAM tester for
DDR2, DDR
SO-DIMM, chips, and more.
www.memorytesters.com

Find Flash Memory & Other
Computer
Addition Information Here!
www.flashmemorysearch.com

Cisco Memory Upgrades

Lifetime Warranty on all
Memory
Modules in stock, excellent
prices!
www.magnaroute.com

GSI Technology SRAMs

Lowest power, highest
performance,
most flexible SRAMs in the
market
www.gsistechnology.com

[Advertise on this site](#)



[Advertising](#) / [About Us](#) / [Contact Us](#) / [Newsletter](#) / [RSS](#) / [Legal](#) / [Terms of Use](#) / [P](#)

Tom's Hardware

CPUs
Mobos & RAM
Graphics & Displays
Storage
Peripherals
Build Your Own

Gear Digest

Computing
Gadgets
Gear
Laptops & Notebooks
Home Theatre PCs
Media Players

TwitchGuru

Gaming
Film & TV
Books & Comics
Culture & Politics

TG Daily

Business
Products
Trends & Lifestyle
Opinions

SmallNetBuilder

Wireless
VoIP
LANS / Routers
NAS
Multimedia
Everything Else



Select a Region: [China](#) / [France](#) / [Germany](#) / [Hungary](#) / [Italy](#) / [Poland](#) / [Russia](#) / [Sweden](#) / [Taiwan](#)