

## DDR3 Unbuffered DIMMs Evaluated with AMD Phenom II™ Processors

This list contains DDR3 unbuffered DIMMs that have been evaluated by AMD and have shown reliable operation on the AMD internal reference platform. Testing included functional testing using frequency and  $V_{REF}$  margining, as well as functional corner testing over temperature and  $V_{DD}$ .

AMD makes no representations or warranties with respect to any information provided in this document relating to the products of other companies, and expressly disclaims any implied warranties of merchantability, fitness for a particular purpose, or non-infringement with respect to such products. Furthermore, the inclusion of such information does not constitute an endorsement by AMD of the product. AMD does not make any claim of availability of listed DIMMs from their respective suppliers.

### DDR3-1333 Unbuffered DIMMs

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N
Elpida	1GB	1Rx8	128Mx8	EBJ10UE8BBF0-DJ-F
				EBJ10UE8BDF0-DJ-F
	2GB	2Rx8	128Mx8	EBJ21UE8BAFA-DJ-E
				EBJ21UE8BDF0-DJ-F
				EBJ21UE8BAW0-DJ-E
GEIL	2GB	2Rx8	128Mx8	GV32GB1333C9SC
Hynix	1GB	1Rx8	128Mx8	HMT112U6AFP8C-H9N0
				HMT112U7AFP8C-H9N0
				HMT112U6BFR8C-H9N0
	2GB	2Rx8	128Mx8	HMT125U7AFP8C-H9N0
				HMT125U6BFR8C-H9N0
Micron	512MB	1Rx16	64Mx16	MT4JTF6464AY-1G4B1
	1GB	1Rx8	128Mx8	MT8JTF12864AY-1G4B1
				MT8JTF12864AZ-1G4F1
				MT9JSF12872AY-1G4D1
	2GB	2Rx8	128Mx8	MT16JTF25664AY-1G4D1
				MT18JSF25672AY-1G4D1
MT16JTF25664AZ-1G4F1				
Nanya	1GB	1Rx8	128Mx8	NT1GC64B88A0NF-CG
	2GB	2Rx8		NT2GC64B88A0NF-CG
Qimonda	1GB	1Rx8	128Mx8	IMSH1GU03A1F1C-13H
	2GB	2Rx8		IMSH2GU13A1F1C-13H
Samsung	1GB	1Rx8	128Mx8	M391B2873DZ1-CH9
				M378B2873DZ1-CH9
				M378B2873EH1-CH9
				M391B2873EH1-CH9
	2GB	2Rx8	128Mx8	M391B5673EH1-CH9
				M378B5673EH1-CH9
				M391B5673DZ1-CH9
				M378B5673DZ1-CH9
	4GB	2Rx8	256Mx8	M391B5273BH1-YH9
				M391B5273BH1-CH9

## DDR3-1066 Unbuffered DIMMs

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N
Elpida	1GB	1Rx8	128Mx8	EBJ10EE8BAFA-AE-E
				EBJ10UE8BBF0-AE-F
				EBJ10UE8BDF0-AE-F
	2GB	2Rx8	128Mx8	EBJ21UE8BDF0-AE-F
				EBJ21UE8BBF0-AE-F
Hynix	1GB	1Rx8	128Mx8	HMT112U6AFP8C-G7N0
				HMT112U6BFR8C-G7N0
	2GB	2Rx8	128Mx8	HMT125U6BFR8C-G7N0
				HMT125U6AFP8C-G7N0
				HMT125U7AFP8C-G7N0
Micron	1GB	1Rx8	128Mx8	MT8JTF12864AZ-1G1F1
				MT8JTF12864AY-1G1D1
	2GB	2Rx8		MT16JTF25664AY-1G1D1
				MT18JSF25672AY-1G1D1
				MT16JTF25664AZ-1G1F1
Nanya	1GB	1Rx8	128Mx8	NT1GC64B88A0NF-BE
	2GB	2Rx8		NT2GC64B8HA0NF-BE
Qimonda	1GB	1Rx8	128Mx8	IMSH1GU03A1F1C-10F
	2GB	2Rx8	128Mx8	IMSH2GE13A1F1CT10F
				IMSH2GU13A1F1C-10F
Samsung	512MB	1Rx16	64Mx16	M378B6474DZ1-CF8
	1GB	1Rx8	128Mx8	M378B2873DZ1-CF8
				M391B2873EH1-CF8
	2GB	2Rx8		M391B5673EH1-CF8
				M378B5673EH1-CF8
				M391B5673DZ1-CF8
				M378B5673DZ1-CF8
	4GB	2Rx8	256Mx8	M378B5273BH1-CF8
M391B5273BH1-CF8				

© 2008 Advanced Micro Devices, Inc. All rights reserved.

The contents of this document are provided in connection with Advanced Micro Devices, Inc. ("AMD") products. AMD makes no representations or warranties with respect to the accuracy or completeness of the contents of this publication and reserves the right to make changes to specifications and product descriptions at any time without notice. No license, whether express, implied, arising by estoppel, or otherwise, to any intellectual property rights are granted by this publication. Except as set forth in AMD's Standard Terms and Conditions of Sale, AMD assumes no liability whatsoever, and disclaims any express or implied warranty, relating to its products including, but not limited to, the implied warranty of merchantability, fitness for a particular purpose, or infringement of any intellectual property right. AMD's products are not designed, intended, authorized or warranted for use as components in systems intended for surgical implant into the body, or in other applications intended to support or sustain life, or in any other application in which the failure of AMD's product could create a situation where personal injury, death, or severe property or environmental damage may occur. AMD reserves the right to discontinue or make changes to its products at any time without notice.

**Trademarks**

AMD, the AMD Arrow logo, AMD Athlon, AMD Opteron, AMD Phenom and combinations thereof and 3DNow! are trademarks of Advanced Micro Devices, Inc.