



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

The objective of the memory compatibility testing program is to ensure compliance of different memory modules with the ATI CrossFire™ Xpress 3200 chipset for Intel® Desktop Systems. The modules are tested as to ATI specifications using industry standard testing methods. This testing is not intended to replace the normal OEM module qualification process.

The Memory Compatibility Process describes how modules can be submitted to ATI approved validation labs. Only modules which pass comprehensive testing by ATI's validation labs are listed here.

Please contact memory@ati.com should you have any questions.

ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Compatible DDR2-400 (PC2-3200) 240 Pin Unbuffered DIMM memory Modules

Crucial				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	CT3264AA40E.4Fx	Micron MT47H32M16CC-5E	3-3-3
256 MB	8	CT3264AA40E.8Fx	Micron MT47H32M8FP-5E	3-3-3
512 MB	8	CT6464AA40E.8Fx	Micron MT47H64M8CB-5E	3-3-3
512 MB	16	CT6464AA40E.16Fx	Micron MT47H32M8FP-5E	3-3-3
1 GB	16	CT12864AA40E.16Fx	Micron MT47H64M8BT-37E	3-3-3
1 GB	16	CT12864AA40E.16Fx	Micron M47H64M8CB-5E:B	3-3-3
2 GB	16	CT25664AA40E.16Fx	Micron MT47H128M8BT-5E	3-3-3

Hynix				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	HYMP564U64P8-E3	Hynix HY5PS12821F-E3	3-3-3
512 MB	8	HYMP564U64P8-E3	Hynix HY5PS12821FP-E3	3-3-3



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<u>Micron</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	MT4HTF1664AG-40EB1	Micron MT47H16M16FG-5E	3-3-3
256 MB	4	MT4HTF3264AY-40EB1	Micron MT47H32M16CC-5E	3-3-3
256 MB	4	MT4HTF3264AY-40EB2	Micron MT47H32M16CC-5E:B	3-3-3
256 MB	8	MT8HTF3264AG-40EB3	Micron MT47H32M8FP-5E	3-3-3
256 MB	8	MT8HTF3264AY-40EB3	Micron MT47H32M8FP-5E	3-3-3
512 MB	8	MT8HTF6464AY-40EB9	Micron MT47H64M8CB-5E	3-3-3
512 MB	16	MT16HTF6464AG-40EB1	Micron MT47H32M8FP-5E	3-3-3
1 GB	16	MT16HTF12864AY-40EA1	Micron MT47H64M8BT-37E	3-3-3
1 GB	16	MT16HTF12864AY-40EB1	Micron M47H64M8CB-5E:B	3-3-3
2 GB	16	MT16HTF25664AY-40EA1	Micron MT47H128M8BT-5E	3-3-3

<u>Nanya</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	NT256T64UH4A0FY-5A	Nanya NT5TU32M16AG-5A	3-3-3
512 MB	8	NT512T64U88A0BY-5A	Nanya NT5TU64M8AE-5A	3-3-3

<u>Qimonda (Formerly Infineon)</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYS64T32000HU-5-A	Qimonda HYB18T512160AF-5	3-3-3
512 MB	8	HYS64T64000HU-5-A	Qimonda HYB18T512800AF-5	3-3-3
1 GB	16	HYS64T128020HU-5-A	Qimonda HYB18T512800AF-5	3-3-3

<u>Samsung</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M378T3354CZ3-CCC	Samsung K4T51163QC-ZCCC	3-3-3
256 MB	8	M378T3253FZ3-CCC	Samsung K4T56083QF-ZCCC	3-3-3
512 MB	8	M378T6553CZ3-CCC	Samsung K4T51083QC-ZCCC	3-3-3
512 MB	16	M378T6453FZ3-CCC	Samsung K4T56083QF-ZCCC	3-3-3



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ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Compatible DDR2-533 (PC2-4200) 240 Pin Unbuffered DIMM memory Modules

<u>Aeneon</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	AET560UD00-370A98Z	Aeneon AET94F370	4-4-4
512 MB	8	AET660UD00-370A98X	Aeneon G64MX8 DDR2	4-4-4
512 MB	8	AET660UD00-370A98Z	Aeneon AET94F370	4-4-4
1 GB	16	AET760UD00-370A98X	Aeneon AET93F370 A	4-4-4
1 GB	16	AET760UD00-370A98Z	Aeneon AET93F370 A	4-4-4
2 GB	16	AET860UD00-370A08X	Aeneon AET03F370 A	4-4-4

<u>Apacer</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	78.91066.330	Qimonda HYB18T512800AF37	4-4-4
1 GB	16	78.01G66.420	Elpida E510CAG-5C-E	4-4-4

<u>ATP</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	16	AJ64K64B8QD5S	Samsung K4T56083QF-GCD5	4-4-4

<u>Buffalo</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	D2U533B-S256MBJ	Micron MT47H32M8BP-37E	4-4-4
512 MB	16	D2U533B-512MBJ	Micron MT47H32M8BP-37E	4-4-4
1 GB	16	D2U533B-1GMAJ	Micron MT47H64M8BT-37E	4-4-4

<u>Corsair</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	VS256MB533D2	Corsair M1110053032M8CEC	4-4-4
256 MB	8	VS256MB533D2	Micron MT47H32M8BP-37E	4-4-4
512 MB	16	VS512MB533D2	Corsair M11100514	4-4-4



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<u>Crucial</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	CT3264AA53E.4Fx	Micron MT47H32M16CC-37E:B	4-4-4
256 MB	4	CT3264AA53E.4Fx	Micron MT47H32M16BN-37E:D	4-4-4
256 MB	8	CT3253AA53E.8Fx	Micron MT47H32M8FP-37E	4-4-4
256 MB	8	CT3264AA53E.8FBx	Micron MT47H32M8FP-37E	4-4-4
256 MB	8	CT3264AA53E.8FBx	Micron MT47H32M8BP-37E	4-4-4
512 MB	8	CT3264AA53E.8Fx	Micron MT47H64M8CB-37E:B	4-4-4
512 MB	8	CT3264AA53E.8Fx	Micron MT47H64M8B6-37E:D	4-4-4
512 MB	8	CT6464AA53E.8FD7	Micron MT47H64M8CB-37E	4-4-4
512 MB	16	CT6464AA53E.16FB	Micron MT47H32M8FP-37E	4-4-4
512 MB	16	CT3264AA53E.16Fx	Micron MT47H32M8FP-37E	4-4-4
512 MB	16	CT3264AA53E.16Fx	Micron MT47H64M8CB-37E:B	4-4-4
1 GB	16	CT12864AA53E.16Fx	Micron MT47H64M8CB-37E:B	4-4-4
1 GB	16	CT12864AA53E.16Fx	Micron MT47H64M8BT-37E	4-4-4
1 GB	16	CT12864AA53E.16FD	Micron MT47H64M8BT-37E	4-4-4
1 GB	16	CT12864AA53E.16Fx	Micron MT47H64M8B6-37E:D	4-4-4

<u>Elixir</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M2U25664TUH4A0F-37B	Elixir N2TU51216AF-37B	4-4-4
512 MB	8	M2U51264TU88A0F-37B	Elixir N2TU51216AF-37B	4-4-4
1 GB	16	M2U1G64TU8HA0F-37B	Elixir N2TU51280AF-37B	4-4-4

<u>Elpida</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	EBE51UD8ABFA-5C	Elpida E5108AB-5C-E	4-4-4
512 MB	8	EBE51UD8AEFA-5C	Elpida E5108AE-5C-E	4-4-4
512 MB	8	EBE51UD8AGFA-5C	Elpida E5108AG-5C-E	4-4-4
1 GB	16	EBE11UD8ABFA-5C	Elpida E5108AB-5C-E	4-4-4
1 GB	16	EBE11UD8AEFA-5C	Elpida E5108AE-5C-E	4-4-4
1 GB	16	EBE11UD8AGFA-5C	Elpida E5108AG-5C-E	4-4-4

<u>GEIL</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	GX25124300UX	Unknown	3-3-3
1 GB	16	GX22GB4300UDC	Unknown	



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<u>G. Skill</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512MB	16	F2-4200PHU2-1GBLA	Unknown	4-4-4

<u>Hynix</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYMP532U64BP6-C4	Hynix HY5PS121621BFP-C4	4-4-4
256 MB	8	HYMP232U64P8-C4	Hynix HY5PS56821FP-C4	4-4-4
512 MB	8	HYMP564U64P8-C4	Hynix HY5PS12821FP-C4	4-4-4
512 MB	8	HYMP564U64BP8-C4	Hynix HY5PS12821BP-C4	4-4-4
1 GB	16	HYMP512U64P8-C4	Hynix HYPS12821FP-C4	4-4-4
1 GB	16	HYMP512U64BP8-C4 AB	Hynix HY5PS12821BFP-C4	4-4-4
2 GB	16	HYMP25U64P8-C4	Hynix HYPS1G831FP-C4	4-4-4

<u>Kingmax</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	KLBC28F-A8KB4	Kingmax TAL443-P93G	4-4-4
1 GB	16	KLBD48F-A8KB4	Kingmax TAL443-P93G	4-4-4

<u>Kingston</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	KVR533D2N4/512	Elpida E5108AB-5C-E	4-4-4
512 MB	8	KVR533D2N4/512	Samsung K4T51083QC-ZCD5	4-4-4
1 GB	16	KVR533D2N4/1G	Samsung K4T51083QB-GCD5	4-4-4
1 GB	16	KVR533D2E4/1G	Elpida E108AB-5C-E	4-4-4
2 GB	16	KVR533D2N4/2G	Elpida E1108AA-5C-E	4-4-4



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Micron				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	MT4HTF1664AG-53EB1	Micron MT47H16M16FG-37E	4-4-4
256 MB	4	MT4HTF3264AY-53EB2	Micron MT47H32M16CC-37E:B	4-4-4
256 MB	4	MT4HTF3264AY-53ED3	Micron MT47H32M16BN-37E:D	4-4-4
256 MB	8	MT8HTF3264AG-53EB2	Micron MT47H32M8FP-37E	4-4-4
256 MB	8	MT8HTF3264AY053EB4	Micron MT47H32M8BP-37E	4-4-4
256 MB	8	MT8HTF3264AG-53EB3	Micron MT47H32M8FP-37E	4-4-4
256 MB	8	MT8HTF3264AY-53EB3	Micron MT47H32M8BP-37E:B	4-4-4
512 MB	8	MT8HTF6464AY-53EB3	Micron MT47H64M8CB-37E:B	4-4-4
512 MB	8	MT8HTF6464AY-53ED7	Micron MT47H64M8B6-37E:D	4-4-4
512 MB	16	MT16HTF6464AG-53EB1	Micron MT47H32M8FP-37E	4-4-4
512 MB	16	MT8HTF6464AY-53EB8	Micron MT47H64M8CB-37E:B	4-4-4
1 GB	16	MT16HTF12864AY-53EB1	Micron MT47H64M8CB-37E:B	4-4-4
1 GB	16	MT16HTF12864AY-53EA1	Micron MT47H64M8BT-37E	4-4-4
1 GB	16	MT16HTF12864AY-53ED4	Micron MT47H64M8B6-37E:D	4-4-4

Mushkin				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	16	991337	Micron MT47H32M8BP-37E	4-4-4
2X 512 MB	16	991361	Micron MT47H32M8BP-37E	4-4-4

Nanya				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	NT256T64UH4A0FY-37B	Nanya NT5TU32M16AG-37B	4-4-4
512 MB	8	NT512T64U88A0BY-37B	Nanya NT5TU64M8AE-37B	4-4-4
1 GB	16	NT1GTU64U8HA0BY-37B	Nanya NT5TU64M8AE-37B	4-4-4

OCZ Technology				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	OCZ2533256V	Elpida E2508AA-DF-E	4-4-4
512 MB	8	OCZ2533512V	Elpida E5108AB-5C-E	4-4-4
2X 512 MB	8	OCZ25331024EBDCPER2-K	Unknown	3-2-2

Patriot Memory				
Density	Load	Module Part Number	Component Part Number	Latency
1 GB	8	PDC21G5600+XBLK	Unknown	3-2-2

Compatible DDR2-533 (PC2-4200) 240 Pin Unbuffered DIMM memory Modules



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<u>PQI</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	MEAB-303LA0109	Elpida EDE5108AESK-5C	4-4-4
1 GB	16	MEAB-403LA0116	Elpida EDE5108AESK-5C	3-3-3

<u>ProMos</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	V916732J24QAFW-E4	ProMos V59C1512164QAF37	4-4-4
512 MB	8	V916764K24QAFW-E4	ProMos V59C1512804QAF37	4-4-4
1 GB	16	V916765K24QAFW-E4	ProMos V59C1512804QAF37	4-4-4

<u>Qimonda (Formerly Infineon)</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYS64T32000HU-3.7-A	Qimonda HYB18T512160AF-3.7	4-4-4
256 MB	4	HYS64T32000HU-3.7-B	Qimonda HYB18T512160BF-3.7	4-4-4
512 MB	8	HYS64T64000HU-3.7-A	Qimonda HYB18T512800AF-3.7	4-4-4
512 MB	8	HYS64T64000HU-3.7-B	Qimonda HYB18T512800BF-3.7	4-4-4
1 GB	16	HYS64T128020HU-3.7-A	Qimonda HYB18T512800AF-3.7	4-4-4
1 GB	16	HYS64T128020HU-3.7-B	Qimonda HYB18T512800BF-3.7	4-4-4
2 GB	16	HYS64T256020HU-3.7-A	Qimonda HYB18T1G800AF-3.7	4-4-4

<u>Ramaxel</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	RML1060S46D5F-533	Qimonda HYB18T512160AF-3.7	4-4-4
256 MB	8	RML1040M28D5F-533	Micron MT47H32M8BP-37E	4-4-4
512 MB	8	RML1040S38D6F-533	Qimonda HYB18T512800AF-37	4-4-4
512 MB	8	RML1041S38D6F-533	Qimonda HYB18T512800AF-37	4-4-4
512 MB	16	RML1180M28D6F-533	Micron MT47H32M8BP-37E	4-4-4



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

<u>Samsung</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M378T3354CZ3-CD5	Samsung K4T51163QC-ZCD5	4-4-4
256 MB	8	M378T3253FZ3-CD5	Samsung K4T56083QF-ZCD5	4-4-4
512 MB	8	M378T6553CZ3-CD5	Samsung K4T51083QC-ZCD5	4-4-4
512 MB	8	M378T6553EZS-CD5	Samsung K4T51083QE-ZCD5	4-4-4
512 MB	16	M378T6453FZ3-CD5	Samsung K4T56083QF-ZCD5	4-4-4
1 GB	8	M378T2863AZ3-CD5	Samsung K4T1G084QA-ZCD5	4-4-4
1 GB	16	M378T2953CZ3-CD5	Samsung K4T51083QC-ZCD5	4-4-4
1 GB	16	M378T2953EZ3-CD5	Samsung K4T51083QE-ZCD5	4-4-4
2 GB	16	M378T5663AZ3-CD5	Samsung K4T1G084QA-ZCD5	4-4-4

<u>SimpleTech</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	16	S512R3NM2QK	Micron MT47H32M8FP-37E	4-4-4

<u>Swissbit</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	SEU03264A1B11MT-37	Micron MT47H32M8BP-37E	4-4-4
512 MB	8	SEU06464A1B11IN-37	Qimonda HYB18T512800AF-3.7	4-4-4
512 MB	8	SEU06464A1B11SA-37	Samsung K4T51083QB-GCD5	4-4-4
1 GB	16	SEU12864B1B12IN-37	Qimonda HYB18T512800AF-3.7	4-4-4

<u>Transcend</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	TS64MLQ64V5J	Samsung K4T51083QB-GCD5	4-4-4
512 MB	8	TS64MLQ64V5J	Elpida E5108AB-5C-E	4-4-4
1 GB	16	TS128MLQ64V5J	Samsung K4T51083QB-GCD5	4-4-4

<u>TwinMos</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	8D-22IB3-EAT	Elpida E5116AB-5C-E	4-4-4
512 MB	8	8G-22JJ5-EAT	Elpida E5108AE-5C-E	4-4-4
512 MB	16	8D-22JB5-3BTP	TwinMos TMM6208G8M37A	4-4-4



**ATI CrossFire™ Xpress 3200 Chipset for
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Wintec				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	39C124284B	Samsung K4T51083QB-GCD5	4-4-4
1 GB	16	39C134284B	Samsung K4T51083QB-GCD5	4-4-4



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Compatible DDR2-667 (PC2-5300) 240 Pin Unbuffered DIMM memory Modules

<u>Aeneon</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	AET660UD00-30DA98Z	Aeneon AET93F30DA 8EE47414	5-5-5
1 GB	16	AET760UD00-30DA98Z	Aeneon AET93F30DA 8EE47414	5-5-5

<u>Buffalo</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	D2U667C-S256/MBJ	Micron MT47H32M8BP-3	5-5-5
512 MB	16	D2U667C-512/MBJ	Micron MT47H32M8BP-3	5-5-5

<u>Corsair</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	VS512MB667D2	Corsair 64M8CFEPS1000545	5-5-5
2X 512 MB	16	CM2X512-5300C4PRO	Unknown	4-4-4

<u>Crucial</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	CT3264AA667.4Fx	Micron MT47H32M16CC-3:B	5-5-5
256 MB	8	CT3264AA667.8Fx	Micron M47H32M8FP-3	5-5-5
256 MB	8	CT3264AA667.8Fx	Micron MT47H32M8BP-3	5-5-5
256 MB	8	CT3264AA667.8Fx	Micron MT47H32M8BP-3	5-5-5
512 MB	8	CT6464AA667.8FD	Micron MT47H64M8BT-3	5-5-5
512 MB	8	CT6464AA667.8Fx	Micron MT47H64M8BT-3	5-5-5
512 MB	8	CT6464AA667.8Fx	Micron MT47H64M8BT-3	5-5-5
512 MB	16	CT6464AA667.16Fx	Micron M47H32M8FP-3	5-5-5
512 MB	16	CT6464AA667.16Fx	Micron MT47H32M8BP-3	5-5-5
512 MB	16	CT6464AA667.16Fx	Micron MT47H32M8BP-3:B	5-5-5
1 GB	16	CT12864AA667.16Fx	Micron MT47H64M8BT-3	5-5-5
1 GB	16	CT12864AA667.16FD	Micron MT47H64M8BT-3	5-5-5
1 GB	16	CT12864AA667.16Fx	Micron MT47H64M8CB-3:B	5-5-5
1 GB	16	CT12864AA667.16Fx	Micron MT47H64M8B6-3:D	5-5-5
1 GB	16	BL12864AA663	Unknown	3-3-3
1 GB	16	BL12864AL663	Unknown	3-3-3
2X 1GB	16	BL2KIT12864AA663	Unknown	3-3-3
2X 1GB	16	BL2KIT12864AL663	Unknown	3-3-3

Compatible DDR2-667 (PC2-5300) 240 Pin Unbuffered DIMM memory Modules



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<u>Elixir</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M2U25664TUH4A2F-3C	Elixir N2TU51216AF-3C	5-5-5
512 MB	8	M2Y51264TU88A2B-3C	Elixir N2TU51280AE-3C	5-5-5
1 GB	16	M2Y1G64TU8HA2B-3C	Elixir N2TU51280AE-3C	5-5-5

<u>Elpida</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	EBE51UD8AEFA-6E-E	Elpida E5108AE-6E-E	5-5-5
512 MB	8	EBE51UD8AGFA-6E-E	Elpida E5108AG-6E-E	5-5-5
1 GB	16	EBE11UD8AEF-6E-E	Elpida E5108AE-6E-E	5-5-5
1 GB	16	EBE11UD8AEFA-6E-E	Elpida E5108AE-6E-E	5-5-5
1 GB	16	EBE11UD8AGFA-6E-E	Elpida E5108AG-6E-E	5-5-5

<u>GEIL</u>				
Density	Load	Module Part Number	Component Part Number	Latency
2X 512 MB	16	GX21GB5300DC	Elpida E5108ABSE-5C	4-4-4

<u>Hynix</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYMP532U64AP6-Y5	Hynix HY5PS121621AFP-Y5	5-5-5
256 MB	4	HYMP532U64BP6-Y5	Hynix HY5PS121621BFP-Y5	5-5-5
256 MB	4	HYMP532U64CP6-Y5	Hynix HY5PS121621CFP-Y5	5-5-5
512 MB	8	HYMP564U64AP8-Y5	Hynix HY5PS1281AFP-Y5	5-5-5
512 MB	8	HYMP564U64CP8-Y5	Hynix HY5PS1281CFP-Y5	5-5-5
1 GB	16	HYMP512U64AP8-Y5	Hynix HY5PS1281AFP-Y5	5-5-5

<u>Kingmax</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	KLCC28F-A8MF5	Micron MT47H64M8BT-3	5-5-5
512 MB	8	KLCC28F-A8KB5	Kingmax SDT491-P93G	5-5-5
1 GB	16	KLCD48F-A8KB5	Kingmax STD491-P93G	5-5-5



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

<u>Kingston</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	KVR667D2N5/256	Elpida E2508AB-6E-E	5-5-5
512 MB	8	KVR667D2N5/512	Elpida E5108AE-6E-E	5-5-5
1 GB	16	KVR667D2N5/1G	Elpida E5108AE-6E-E	5-5-5
1 GB	16	KVR667D2N5/1G	Kingston D6408TE8EWL3	5-5-5
512 MB	8	KHX5400D2/512	unknown	4-4-4
2 X 512 MB	8	KHX5400D2K2/1G	unknown	4-4-4

<u>Micron</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	MT4HTF3264AY-667B2	Micron MT47H32M16CC-3:B	5-5-5
256 MB	8	MT8HTF3264AG-667B3	Micron M47H32M8FP-3	5-5-5
256 MB	8	MT8HTF3264AY-667B5	Micron MT47H32M8BP-3	5-5-5
256 MB	8	MT8HTF3254AY-667B6	Micron MT47H32M8BP-3	5-5-5
512 MB	8	MT8HTF6464AY-667A3	Micron MT47H64M8BT-3	5-5-5
512 MB	8	MT8HTF6464AY-667A2	Micron MT47H64M8BT-3	5-5-5
512 MB	16	MT16HTF6464AG-667B2	Micron M47H32M8FP-3	5-5-5
512 MB	16	MT16HTF6464AY-667B3	Micron MT47H32M8BP-3	5-5-5
512 MB	16	MT16HTF6464AY-667B4	Micron MT47H32M8BP-3:B	5-5-5
1 GB	16	MT16HTF12864AY-667A3	Micron MT47H64M8BT-3	5-5-5
1 GB	16	MT16HTF12864AY-667B3	Micron MT47H64M8CB-3:B	5-5-5
1 GB	16	MT16HTF12864AY-667D4	Micron MT47H64M8B6-3:D	5-5-5

<u>Mushkin</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	16	991379	Samsung K4T56083QF-GCD5	4-4-4
1 GB	16	991510	Unknown	3-3-3
2X 1 GB	16	991512	Unknown	3-3-3



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

<u>Nanya</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	NT256T64UH4A1FY-3C	Nanya NT5TU32M16AG-3C	5-5-5
256 MB	4	NT256T64UH4B0FY-3C	Nanya NT5TU32M16BG-3C	5-5-5
512 MB	8	NT512T64U88A1BY-3C	Nanya NT5TU64M8AE-3C	5-5-5
512 MB	8	NT512T64U88A0BY-3C	Nanya NT5TU64M8AE-3C	5-5-5
512 MB	8	NT512T64U88B0BY-3C	Nanya NT5TU64M8BE-3C	5-5-5
1 GB	16	NT1GT64U8HA1BY-3C	Nanya NT5TU64M8AE-3C	5-5-5
1 GB	16	NT1GT64U8HB0BY-3C	Nanya NT5TU64M8BE-3C	5-5-5
2 GB	16	NT2GT64U8HB0JY-3C	Nanya NT5TU128M8BJ-3C	5-5-5

<u>OCZ Technology</u>				
Density	Load	Module Part Number	Component Part Number	Latency
2X 512 MB	8	OCZ26671024PFDC-K	Unknown	4-4-4
2X 512 MB	8	OCZ26671024EBDCPE-K	Unknown	4-2-2
512 MB	8	OCZ2667512ELGE	Unknown	4-4-4
512 MB	8	OCZ26671024ELDCGE-K	Unknown	4-4-4
1 GB	8	OCZ26671024ELGE	Unknown	4-4-4
1 GB	8	OCZ2A667IG	Unknown	4-4-4
2X 1 GB	16	OCZ26672048ELDCGE-K	Unknown	4-4-4
2X 1 GB	16	OCZ2A6672GK	Unknown	4-4-4

<u>Patriot Memory</u>				
Density	Load	Module Part Number	Component Part Number	Latency
1 GB	8	PDC21G5600+XBLK	Unknown	4-3-3

<u>Powerchip</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	AL6E8E63B-6EA1T	Powerchip A3R12E3GEF	5-5-5
1 GB	16	AL7E8E63B-6EA1T	Powerchip A3R12E3GEF	5-5-5

<u>ProMos</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	V916732J24QBFW-F5	ProMos V59C1512164QBF3	5-5-5
512 MB	8	V916764K24QBFW-F5	ProMos V59C1512804QBF3	5-5-5
1 GB	16	V916765K24QBFW-F5	ProMos V59C1512804QBF3	5-5-5



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

PQI				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	MEAD-201HA0101	Samsung K4T56083QF-GCD5	4-4-4
512 MB	8	MEAD-322LA0101	PQI PQC2648S3	4-4-4
512 MB	8	MEAD-305HA	Qimonda HYB18T256800AF-3S	5-5-5

Qimonda (Formerly Infineon)				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYS64T3200HU-3S-A	Qimonda HYB18T512160AF-3S	5-5-5
256 MB	4	HYS64T3200HU-3-A	Qimonda HYB18T512160AF-3	4-4-4
256 MB	4	HYS64T32000HU-3S-B	Qimonda HYB18T512160BF-3S	5-5-5
512 MB	8	HYS64T64000HU-3S-A	Qimonda HYB18T512800AF-3S	5-5-5
512 MB	8	HYS64T64000HU-3S-B	Qimonda HYB18T512800BF-3S	5-5-5
512 MB	8	HYS64T64000HU-3-A	Qimonda HYB18T512800AF-3	4-4-4
1 GB	16	HYS64T128020HU-3S-A	Qimonda HYB18T512800AF-3S	5-5-5
1 GB	16	HYS64T128020HU-3S-B	Qimonda HYB18T512800BF-3S	5-5-5
1 GB	16	HYS64T128020HU-3-A	Qimonda HYB18T512800AF-3	4-4-4

Samsung				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	M378T3253FZ3-CE6	Samsung K4T56083QF-ZCE6	5-5-5
256 MB	4	M378T3354CZ3-CE6	Samsung K4T51163QC-ZCE6	5-5-5
512 MB	8	M378T6553EZS-CE6	Samsung K4T51083QE-ZCE6	5-5-5
512 MB	8	M378T6553CZ3-CE6	Samsung K4T51083QC-ZCE6	5-5-5
512 MB	16	M378T6453FZ3-CE6	Samsung K4T56083QF-ZCE6	5-5-5
512 MB	16	M378T6453FZ3-CD6	Samsung K4T56083QF-ZCD6	4-4-4
1 GB	8	M378T2863AZ3-CE6	Samsung K4T1G084QA-ZCE6	5-5-5
1 GB	16	M378T2953CZ3-CE6	Samsung K4T51083QC-ZCE6	5-5-5
1 GB	16	M378T2953EZ3-CE6	Samsung K4T51083QE-ZCE6	5-5-5
2 GB	16	M378T5663AZ3-CE6	Samsung K4T1G084QA-ZCE6	5-5-5

SyncMax				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	S2R512M-08RCA-5300	SyncMax 04260WB0Q	4-4-4



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

<u>Transcend</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	TS64MLQ64V6J	Hynix HY5PS12821AF-Y5	4-4-4
512 MB	8	JM367Q643A-6	Transcend J12Q2AB-6 T0637PF	5-5-5
1 GB	16	JM388Q643A-6	Transcend J12Q3AB-6 T0637PF	5-5-5

<u>TwinMos</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	8G-24JK5-EBT	Elpida E5108AE-6E-E	4-4-4

<u>Wintec</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	39C127282B	Micron MT47H64M8CB-3: B	5-5-5
1 GB	16	39C137282	Micron MT47H64M8CB-3	5-5-5



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Compatible DDR2-675 (PC2-5400) 240 Pin Unbuffered DIMM memory Modules

<u>Corsair</u>				
Density	Load	Module Part Number	Component Part Number	Latency
2X 512 MB	16	CM2X512A-5400UL	Unknown	3-2-2
2X 1 GB	16	CM2X1024-5400C4	Unknown	4-4-4

<u>OCZ Technology</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	OCZ2667512ELGE	Unknown	4-4-4
2X 512 MB	8	OCZ26671024ELDCGE-K	Unknown	4-4-4
1 GB	8	OCZ26671024ELGE	Unknown	4-4-4
2X 1 GB	16	OCZ26672048ELDCGE-K	Unknown	4-4-4



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Compatible DDR2-800 (PC2-6400) 240 Pin Unbuffered DIMM memory Modules

<u>A-DATA</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	M2OEL6F3G3160A1D0Z	Elpida E2508AB-GE-E	4-5-5
512 MB	16	M2OEL9F3H4170A1E0Z	Elpida E2508AB-GE-E	4-4-4

<u>Aeneon</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	AET660RD00-25DB97X	Aeneon AET93R250D	5-5-5
1 GB	16	AET760UD00-25DB97X	Aeneon AET93R25DB 0640	5-5-5

<u>Apacer</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	78.81091.420	Elpida E2508AB-GE-E	5-5-5

<u>Corsair</u>				
Density	Load	Module Part Number	Component Part Number	Latency
2X 512 MB	8	CM2X512A-6400	Unknown	5-5-5
2X 1 GB	16	CM2X1024-6400	Unknown	5-5-5
2X 1 GB	16	CM2X1024-6400C3	Unknown	3-4-3
2X 1 GB	16	TWIN2X2048-6400	Unknown	5-5-5
2X 1 GB	16	TWIN2X2048-6400C4	Unknown	4-4-4

<u>Crucial</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	CT6464AA80E.8Fx	Micron MT47H64M8B6-25E	5-5-5
512 MB	8	CT6464AA80E.8Fx	Micron MT47H64M8B6-25E:D	5-5-5
512 MB	8	BL6464AL804	Unknown	4-4-4
512 MB	8	BL6464AA804	Unknown	4-4-4
2X 512 MB	8	BL2KIT646AA804	Unknown	4-4-4
2X 512 MB	8	BL2KIT646LA804	Unknown	4-4-4
1 GB	16	CT12864AA80E.16Fx	Micron MT47H64M8B6-25E:D	5-5-5
1 GB	16	CT12864AA80E.16Fx	Micron MT47H64M8B6-25E:D	5-5-5



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

<u>Elpida</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	EBE25UCBABFA-GE-E	Elpida E2508AB-GE-E	5-5-5

<u>GEIL</u>				
Density	Load	Module Part Number	Component Part Number	Latency
2X 512 MB	8	GX21GB6400DC	GEIL GL2L64M088BA25W	5-5-5
2X 512 MB	8	GX21GB6400UDC	Unknown	4-4-4
2X 1GB	16	GX22GB6400UDC	Unknown	4-4-4

<u>Kingston</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	KVR800D2N5/512	Samsung K4T51083QC-ES	5-5-5
1 GB	16	KHX6400D2/1G	unknown	5-5-5
1 GB	16	KVR800D2N5/1G	Samsung K4T51083QC-ES	5-5-5
1 GB	16	KHX6400D2LL/1G	Unknown	4-4-4
2X 1GB	16	KHX6400D2LLK2/2G	Unknown	4-4-4

<u>Micron</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	MT8HTF6464AY-80ED3	Micron MT47H64M8B6-25E	5-5-5
512 MB	8	MT8HTF6464AY-80ED4	Micron MT47H64M8B6-25E:D	5-5-5
1 GB	16	MT16HTF12864AY-80ED3	Micron MT47H64M8B6-25E:D	5-5-5
1 GB	16	MT16HTF12864AY-80ED4	Micron MT47H64M8B6-25E:D	5-5-5

<u>Mushkin</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	991470	Micron MT47H64M8BT-3	5-3-3
512 MB	8	991522	Micron MT47H64M8B6-3: D	4-4-3
2X 512 MB	8	996522	Micron MT47H64M8B6-3: D	4-4-3
1 GB	16	991523	Micron MT47H64M8B6-3: D	4-4-3
2X 1 GB	16	996523	Micron MT47H64M8B6-3: D	4-4-3

<u>Nanya</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	NT512T64U88B0BY-25C	Nanya NT5TU64M8BE-25C	5-5-5
1 GB	16	NT1GT64U8HB0BY-25C	Nanya NT5TU64M8BE-25C	5-5-5



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

OCZ Technology				
Density	Load	Module Part Number	Component Part Number	Latency
2X 512 MB	8	OCZ28001024ELDCGE-K	Unknown	5-5-5
1 GB	8	OCZ2P8001GK	Unknown	4-4-4
1 GB	8	OCZ2A8001G	Unknown	4-4-4
1 GB	16	OCZ2SOE800URB2GK	Unknown	4-4-3
2X 1 GB	16	OCZ2P800R22GK	Unknown	4-4-4
2X 1 GB	16	OCZ2A8002GK	Unknown	4-4-4

Patriot Memory				
Density	Load	Module Part Number	Component Part Number	Latency
1 GB	16	PEP21G6400LL	Unknown	4-4-4
2X 1 GB	16	PDC22G6400LLK	Unknown	4-4-4

ProMos				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	V916732J24QBFW-G5	ProMos V59C1512164QBF25	5-5-5
512 MB	8	V916764K24QBFW-G5	ProMos V59C1512804QBF-25	5-5-5
1 GB	16	V916765K24QBFW-G5	ProMos V59C1512804QBF-25	5-5-5

Qimonda (Formerly Infineon)				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYS64T32000HU-25F-B	Qimonda HYB18T512160BF-25F	5-5-5
256 MB	8	HYS64T32001HU-2.5-A	Qimonda HYB18T256800AF-25	6-6-6
512 MB	8	HYS64T64000HU-25F-B	Qimonda HYB18T512800BF-25F	5-5-5
512 MB	16	HYS64T64020HU-2.5-A	Qimonda HYB18T256800AF-25	6-6-6
1 GB	16	HYS72T128020HU-2.5-B	Qimonda HYB18T512800BF-25	6-6-6

Samsung				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M378T3354CZ3-CE7	Samsung K4T51163QC-ZCE7	5-5-5
512 MB	8	M378T6553CZ3-CF7	Samsung K4T51083QC-ZCF7	6-6-6
512 MB	8	M378T6553CZ3-CE7	Samsung K4T51083QC-ZCE7	5-5-5
1 GB	16	M378T2953CZ3-CF7	Samsung K4T51083QC-ZCF7	6-6-6
1 GB	16	M378T2953CZ3-CE7	Samsung K4T51083QC-ZCE7	5-5-5



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

<u>SuperTalent</u>				
Density	Load	Module Part Number	Component Part Number	Latency
2X1GB	8	T800UX2GC4	Unknown	4-4-3

<u>TwinMos</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	510M55E00150002	Elpida E2608AB-GE-E	5-5-5
512 MB	8	612M65M25800006	Samsung K4T51083QC-ZCE7	5-5-5

<u>Wintec</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	39128283-UA	Unknown	5-5-5



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems
Compatible DDR2-900 (PC2-7200) 240 Pin Unbuffered DIMM memory Modules

OCZ Technology				
Density	Load	Module Part Number	Component Part Number	Latency
1 GB	16	OCZ2N9002GK	Unknown	4-5-4

PQI				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	MEAF-205HA0102	Qimonda HYB18T256800AF-3S	4-4-4



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Compatible DDR2-1000 (PC2-8000) 240 Pin Unbuffered DIMM memory Modules

<u>Corsair</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	CM2X512-8000UL	Unknown	5-4-4

<u>Crucial</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	BL6464AA1005.8FD	Unknown	5-5-5
1 GB	16	BL12864AA1005.16FD3	Unknown	5-5-5

<u>OCZ Technology</u>				
Density	Load	Module Part Number	Component Part Number	Latency
1 GB	16	OCZ2P10002GEEK	Unknown	4-5-4

<u>Patriot Memory</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	16	PEP25128000X+xbl	Unknown	4-4-4
1 GB X 2	16	PDC21G8000+xblk	Unknown	4-4-4

<u>Super Talent</u>				
Density	Load	Module Part Number	Component Part Number	Latency
1 GB	16	T1000UX2G5	Unknown	5-5-5



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Compatible DDR2-1067 (PC2-8500) 240 Pin Unbuffered DIMM memory Modules

<u>Apacer</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	78.9AG9S.9L5	Unknown	5-5-5

<u>Buffalo</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	16	FSX1066D2C-512M	Unknown	5-5-5

<u>Corsair</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	CM2X512-8500	Unknown	5-5-5
2 X 1 GB	16	TWIN2X2048-8500C5D	Unknown	5-5-5
2 X 1GB	16	TWIN2X2048-8500C5	Unknown	5-5-5

<u>Kingston</u>				
Density	Load	Module Part Number	Component Part Number	Latency
1 GB	16	KHX8500D2K/1G	Unknown	5-5-5
2X 1 GB	16	KHX8500D2K2/2G	Unknown	5-5-5



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems
Compatible DDR2-1100 (PC2-8888) 240 Pin Unbuffered DIMM memory Modules

Corsair				
Density	Load	Module Part Number	Component Part Number	Latency
2 X 1 GB	8	TWIN2X2048-8888C4DF	Unknown	4-4-4



ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems Memory Compatibility

ATI CrossFire™ Xpress 3200 Chipset for Intel® Desktop Systems
Compatible DDR2-1142 (PC2-9136) 240 Pin Unbuffered DIMM memory Modules

Corsair				
Density	Load	Module Part Number	Component Part Number	Latency
2 X 1 GB	8	TWIN2X2048-9136C5D	Unknown	5-5-5