



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

The objective of the memory compatibility testing program is to ensure compliance of different memory modules with the Radeon® Xpress 200M chipset for Intel® Processors. 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](mailto:memory@ati.com) should you have any questions.

### Radeon® Xpress 200M Chipset for Intel® Processors Compatible DDR333 (PC2700) 200 Pin SO-DIMM memory Modules

<u>Aeneon</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	AED560SD00-600C88X	Aeneon AED84T600C	2.5-3-3
512 MB	8	AED660SD00-600B98X	Aeneon AED94T600B	2.5-3-3

<u>Buffalo</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	DN333-A512M	Buffalo ME46512823MEK	2.5-3-3

<u>Centon</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	AT512M/IFFL	Samsung K4H510838B-TCB3	2.5-3-3

<u>Crucial</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	CT1664X335	Micron MT46V16M16-6T	2.5-3-3
128 MB	4	CT1664X335	Micron MT46V16M16-6T	2.5-3-3
256 MB	8	CT3264X335	Micron MT46V16M16-6T	2.5-3-3
256 MB	8	CT3264X335	Micron MT46V32M8-6T	2.5-3-3
512 MB	16	CT6464X335	Micron MT46V32M8FG-6	2.5-3-3
512 MB	8	CT6464X335	Micron MT46V32M16-6T	2.5-3-3



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<u>Elpida</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	EBD26UC6AKSA-6B	Elpida EDD2516AKTA-6B	2.5-3-3
512 MB	8	EBD52UD6ADSA-6B	Elpida EDD5116ADTA-6B	2.5-3-3
1 GB	16	EBD11UD8ABDA-6B	Elpida EDD5108ABNA-6B	2.5-3-3
1 GB	16	EBD11UD8ADDA-6B	Elpida EDD5108ADNA-6B	2.5-3-3

<u>Hynix</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	HYMD216M646A6-J	Hynix HY5DU561622AT-J	2.5-3-3
128 MB	4	HYMD216M646AP6-J	Hynix HY5DU561622ATP-J	2.5-3-3
256 MB	8	HYMD232M646A8-J	Hynix HY5DU56822AT-J	2.5-3-3
256 MB	8	HYMD232M646AP8-J	Hynix HY5DU56822ATP-J	2.5-3-3
256 MB	4	HYMD532M646A6-J	Hynix HY5DU121622AT-J	2.5-3-3
256 MB	4	HYMD532M646AP6-J	Hynix HY5DU121622ATP-J	2.5-3-3
256 MB	4	HYMD232M646D6-J	Hynix HY5DU561622DT-J	2.5-3-3
256 MB	4	HYMD532M646DP6-J	Hynix HY5DU561622DTP-J	2.5-3-3
512 MB	8	HYMD564M646A6-J	Hynix HY5DU121622AT-J	2.5-3-3
512 MB	8	HYMD564M646AP6-J	Hynix HY5DU121622ATP-J	2.5-3-3
512 MB	8	HYMD564M646B6-J	Hynix HY5DU121622BT-J	2.5-3-3
512 MB	8	HYMD564M646BP6-J	Hynix HY5DU121622BTP-J	2.5-3-3

<u>Micron</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	MT4VDDT1664HG-335C3	Micron MT46V16M16-6T	2.5-3-3
128 MB	4	MT4VDDT1664HG-335C2	Micron MT46V16M16-6T	2.5-3-3
256 MB	8	MT8VDDT3264HDG-335C3	Micron MT46V16M16-6T	2.5-3-3
256 MB	8	MT8VDDT3264HDY-335F	Micron MT46V16M16-6TF	2.5-3-3
256 MB	8	MT8VDDT3264HG-335G3	Micron MT46V32M8-6BC	2.5-3-3
256 MB	8	MT8VDDT3264HG-335C2	Micron MT46V32M8-6T	2.5-3-3
512 MB	16	MT16VDDF6464HG-335C2	Micron MT46V32M8FG-6	2.5-3-3
512 MB	8	MT8VDDT6464HDG-335C1	Micron MT46V32M16-6T	2.5-3-3
512 MB	8	MT8VDDT6464HY-335D1	Micron MT46V64M8-6TD	2.5-3-3
1 GB	16	MT16VDDF12864HY-335D2	Micron MT46V64M8BN-6	2.5-3-3



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

<u>Nanya</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	NT128D64SH4B0GM-6K	Nanya NT5DS16M16BT-6K	2.5-3-3
128 MB	4	NT128D64SH4BBGM-6K	Nanya NT5DS16M16BT-6K	2.5-3-3
256 MB	8	NT256D64SH8B0GM-6K	Nanya NT5DS16M16BT-6K	2.5-3-3
256 MB	8	NT256D64SH8BAGM-6K	Nanya NT5DS16M16BT-6K	2.5-3-3
512 MB	16	NT512D64S8HBAFM-6K	Nanya NT5DS32M8BF-6K	2.5-3-3

<u>Powerchip</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	AS5D8C44T-6B1T	PSC A2S56D40CTP	2.5-3-3

<u>ProMos</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	V826632G24SATG-C0	ProMOS V58C2256804SAT6	2.5-3-3
512 MB	16	V826664G24SASG-C0	ProMOS V58C2256804SAS6	2.5-3-3

<u>Qimonda (Formerly Infineon)</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	HYS64D16000GDL-6-B	Qimonda HYB25D256160BT-6	2.5-3-3
256 MB	8	HYS64D32020GDL-6-B	Qimonda HYB25D256160BT-6	2.5-3-3
256 MB	8	HYS64D32020HDL-6-C	Qimonda HYB25D256160CE-6	2.5-3-3
512 MB	16	HYS64D64020GBDL-6-B	Qimonda HYB25D256800BC-6	2.5-3-3
512 MB	16	HYS64D64020HBDL-6-C	Qimonda HYB25D256800CF-6	2.5-3-3
512 MB	8	HYS64D64020HDL-6-B	Qimonda HYB25D512160BE-6	2.5-3-3
1 GB	16	HYS64D128021GBDL-6-B	Qimonda HYB25D512800BC-6	2.5-3-3



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Samsung				
Density	Load	Module Part Number	Component Part Number	Latency
64 MB	4	M470L0914DT0-CB3	Samsung K4H281638D-TCB3	2.5-3-3
128 MB	4	M470L1624DT0-CB3	Samsung K4H561638D-TCB3	2.5-3-3
128 MB	4	M470L1624FT0-CB3	Samsung K4H561638F-TCB3	2.5-3-3
128 MB	4	M470L1624FU0-CB3	Samsung K4H561638F-UCB3	2.5-3-3
128 MB	4	M470L1624FU0-CB3	Samsung K4H561638F-UCB3	2.5-3-3
128 MB	8	M470L1714DT0-CB3	Samsung K4H281638D-TCB3	2.5-3-3
256 MB	4	M470L3324BT0-CB3	Samsung K4H511638B-TCB3	2.5-3-3
256 MB	4	M470L3324BU0-CB3	Samsung K4H511638B-UCB3	2.5-3-3
256 MB	4	M470L3324CT0-CB3	Samsung K4H511638C-TCB3	2.5-3-3
256 MB	4	M470L3324CU0-CB3	Samsung K4H511638C-UCB3	2.5-3-3
256 MB	8	M470L3224DT0-CB3	Samsung K4H561638D-TCB3	2.5-3-3
256 MB	8	M470L3224FT0-CB3	Samsung K4H561638F-TCB3	2.5-3-3
256 MB	8	M470L3224FU0-CB3	Samsung K4H561638F-UCB3	2.5-3-3
256 MB	8	M470L3223DT0-CB3	Samsung K4H560838D-TCB3	2.5-3-3
512 MB	16	M470L6423DN0-CB3	Samsung K4H560838D-NCB3	2.5-3-3
512 MB	16	M470L6423EN0-CB3	Samsung K4H560838E-NCB3	2.5-3-3
512 MB	16	M470L6423EV0-CB3	Samsung K4H560838E-VCB3	2.5-3-3
512 MB	8	M470L6524BT0-CB3	Samsung K4H511638B-TCB3	2.5-3-3
512 MB	8	M470L6524BU0-CB3	Samsung K4H511638B-UCB3	2.5-3-3
512 MB	8	M470L6524CT0-CB3	Samsung K4H511638C-TCB3	2.5-3-3
512 MB	8	M470L6524CU0-CB3	Samsung K4H511638C-UCB3	2.5-3-3
1 GB	16	M470L2923BN0-CB3	Samsung K4H510838B-NCB3	2.5-3-3
1 GB	16	M470L2923BV0-CB3	Samsung K4H510838B-VCB3	2.5-3-3

TwinMos				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M2S5I04D1AED5F161KB-T	Elpida EDD5116ADTA-6B-E	2.5-3-3
256 MB	8	M2G5I08D-TT	TwinMOS TMD7608F8E60D	2.5-3-3
256 MB	8	M2S5I08D6APS5F081AA-T	PSC A2S56D30BTP	2.5-3-3



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

### Radeon® Xpress 200M Chipset for Intel® Processors Compatible DDR400 (PC3200) 200 Pin SO-DIMM memory Modules

<u>A-DATA</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	MDOAD5F3G3460D1E02	A-Data ADD8608A8A-5B	2.5-3-3
512 MB	8	MDOHY6F3G3460B1E0Z	Hynix HY5DU56822BT-D43	3-3-3
512 MB	8	MDOSS6F3G3420D1E0Z	Samsung K4H560838D-TCCC	3-3-3

<u>Crucial</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	CT1664X40B	Micron MT46V16M16	3-3-3
128 MB	8	CT3264X40B	Micron MT46V16M8	3-3-3
256 MB	8	CT6464X40B	Micron MT46V16M16	3-3-3

<u>Hynix</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	HYMD232M646A6-D43	Hynix HY5DU561622AT-D43	3-3-3
256 MB	8	HYMD232M646AP6-D43	Hynix HY5DU561622ATP-D43	3-3-3
256 MB	4	HYMD532M646A6-D43	Hynix HY5DU121622AT-D43	3-3-3
256 MB	4	HYMD532M646AP6-D43	Hynix HY5DU121622ATP-D43	3-3-3
512 MB	8	HYMD564M646A6-D43	Hynix HY5DU121622AT-D43	3-3-3
512 MB	8	HYMD564M646AP6-D43	Hynix HY5DU121622ATP-D43	3-3-3

<u>Micron</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	MT4VDDT1664HG-40BC3	Micron MT46V16M16	3-3-3
128 MB	8	MT8VDDT166HG-403B2	Micron MT46V16M8	3-3-3
256 MB	8	MT8VDDT3264HDG-40BC3	Micron MT46V16M16	3-3-3

<u>Nanya</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	NT256D64SH8BAGM-5T	Nanya NT5DS16M16BT-5T	3-3-3



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

Qimonda (Formerly Infineon)				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	HYS64D32020GDL-5-B	Qimonda HYB25D256160BT-5	3-3-3
512 MB	16	HYS64D64020GBDL-5-B	Qimonda HYB25D256800BC-5	3-3-3
512 MB	8	HYS64D64020HDL-5-B	Qimonda HYB25D512160BE-5	3-3-3
512 MB	8	HYS64D64020HDL-5-C	Qimonda HYB25D512160CE-5	3-3-3
1 GB	16	HYS64D128021EBDL-5-C	Qimonda HYB25D512800CF-5	3-3-3

Samsung				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	M470L1624DT0-CCC	Samsung K4H561638D-TCCC	3-3-3
128 MB	4	M470L1624FT0-CCC	Samsung K4H561638F-TCCC	3-3-3
128 MB	4	M470L1624FU0-CCC	Samsung K4H561638F-UCCC	3-3-3
256 MB	8	M470L3323DT0-CC4	Samsung K4H560838D-TCC4	4-4-4
256 MB	8	M470L3224DT0-CCC	Samsung K4H561638D-TCCC	3-3-3
256 MB	8	M470L3224FT0-CCC	Samsung K4H561638F-TCCC	3-3-3
256 MB	8	M470L3224FU0-CCC	Samsung K4H561638F-UCCC	3-3-3
512 MB	16	M470L6423ENO-CCC	Samsung K4H560838E-NCCC	3-3-3
512 MB	16	M470L6423EVO-CCC	Samsung K4H560838E-VCCC	3-3-3
1 GB	16	M470L2923BN0-CCC	Samsung K4H510838B-NCCC	3-3-3
1 GB	16	M470L2923BV0-CCC	Samsung K4H510838B-VCCC	3-3-3



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

### Radeon® Xpress 200M Chipset for Intel® Processors Compatible DDR2-400 (PC2-3200) 200 Pin SO-DIMM memory Modules

<u>Crucial</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	CT3264AC40E.8F	Micron MT47H32M8FP-5E	3-3-3
256 MB	8	CT3264AC40E.8F	Micron MT47H16M16FG-5E	3-3-3
256 MB	4	CT3264AC40E	Micron MT47H32M16BT-5E	3-3-3
512 MB	8	CT6464AC40E.8F	Micron MT47H32M16BT-37E	3-3-3
512 MB	8	CT6464AC40E.8FA	Micron MT47H64M8CB-37E	3-3-3
1 GB	16	CT12864AC40E.16FB	Micron MT47H64M8CB-37E	3-3-3

<u>Micron</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	MT4HTF1664HG-40EB1	Micron MT47H16M16FG-5E	3-3-3
256 MB	8	MT8HTF3264HG-40EB1	Micron MT47H32M8FP-5E	3-3-3
256 MB	8	MT8HTF3264HDG-40EB1	Micron MT47H16M16FG-5E	3-3-3
256 MB	4	MT4HTF3264HY-40EA2	Micron MT47H32M16BT-5E	3-3-3
512 MB	8	MT8HTF6464HDY-40EA2	Micron MT47H32M16BT-37E	3-3-3
512 MB	8	MT8HTF6464HDY-40EB3	Micron MT47H64M8CB-37E	3-3-3
1 GB	16	MT16HTF12864HY-40EB3	Micron MT47H64M8CB-37E	3-3-3

<u>Qimonda (Formerly Infineon)</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYS64T32000GDL-5-A	Qimonda HYB18T512160AC-5	3-3-3
256 MB	4	HYS64T32000HDL-5-A	Qimonda HYB18T512160AF-5	3-3-3
512 MB	8	HYS64T64020GDL-5-A	Qimonda HYB18T512160AC-5	3-3-3
512 MB	8	HYS64T64020HDL-5-A	Qimonda HYB18T512160AF-5	3-3-3
1 GB	16	HYS64T128021HDL-5-A	Qimonda HYB18T512800AF5	3-3-3



**Radeon® Xpress 200M Chipset for  
Intel® Processors  
Memory Compatibility**

<u>Samsung</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M470T3354BG0-CCC	Samsung K4T51163QB-GCCC	3-3-3
256 MB	4	M470T3354BG3-CCC	Samsung K4T51163QB-GCCC	3-3-3
256 MB	4	M470T3354BZ0-CCC	Samsung K4T51163QB-ZCCC	3-3-3
256 MB	4	M470T3354BZ3-CCC	Samsung K4T51163QB-ZCCC	3-3-3
512 MB	8	M470T6554BG0-CCC	Samsung K4T51163QB-GCCC	3-3-3
512 MB	8	M470T6554BG3-CCC	Samsung K4T51163QB-GCCC	3-3-3
512 MB	8	M470T6554BZ0-CCC	Samsung K4T51163QB-ZCCC	3-3-3
512 MB	8	M470T6554BZ3-CCC	Samsung K4T51163QB-ZCCC	3-3-3
1 GB	16	M470T2953BY0-CCC	Samsung K4T51083QB-YCCC	3-3-3
1 GB	16	M470T2953BY3-CCC	Samsung K4T51083QB-YCCC	3-3-3
1 GB	16	M470T2953BS0-CCC	Samsung K4T51083QB-SCCC	3-3-3
1 GB	16	M470T2953BS3-CCC	Samsung K4T51083QB-SCCC	3-3-3

<u>Unifosa</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	04-001916600	Hynix HY5PS121621-F-E3	3-3-3



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

### Radeon® Xpress 200M Chipset for Intel® Processors Compatible DDR2-533 (PC2-4200) 200 Pin SO-DIMM memory Modules

<u>Aeneon</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	AET560SD00-370A98X	Aeneon AET94F370A	4-4-4
512 MB	8	AET660SD00-370A98X	Aeneon AET94F370A	4-4-4
1 GB	16	AET760SD00-370A98Z	Aeneon AET93F370A	4-4-4

<u>Apacer</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	78.92051.330	Qimonda HYB18T512800AF37	4-4-4

<u>Buffalo</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	D2N533B-X256MAJ	Micron MT37H32M16BT-37E	4-4-4
512 MB	8	D2N533B-D512MAJ	Micron MT47H32M16BT-37E	4-4-4

<u>Corsair</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	VS256SDS533D2	Micron MT37H32M8BP-37E	4-4-4
512 MB	8	VS512SDS533D2	Samsung K4T51083QB-GCD5	4-4-4

<u>Crucial</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	CT3264AC53E.8F	Micron MT47H32M8FP-37E	4-4-4
256 MB	8	CT3264AC53E.8F	Micron MT47H16M16FG-37E	4-4-4
256 MB	8	CT3264AC53E.8F	Micron MT47H16M16FG-37E	4-4-4
256 MB	4	CT3264AC53E	Micron MT47H32M16BT-37E	4-4-4
256 MB	8	CT3264AC53E.8F	Micron MT47H16M16BG-37E	4-4-4
512 MB	8	CT6464AC53E.8F	Micron MT47H32M16BT-37E	4-4-4
512 MB	8	CT6464AC53E.8F	Micron MT47H32M16BT-37E	4-4-4
1 GB	8	CT12864AC53E.8F	Micron MT37H128M8BT-37E	4-4-4

Compatible DDR2-533 (PC2-4200) 200 Pin SO-DIMM memory Modules



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

Elixir				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M2S25664TUH4A0F-37B	Elixir N2TU51216AF-37B	4-4-4
512 MB	8	M2S51264TUH8A0F-37B	Elixir N2TU51216AF-37B	4-4-4
512 MB	8	M1N51264TUH8A2F-37B	Nanya NT5TU32M16AG-37B	4-4-4

Elpida				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	EBE52UD6ABSA-5C-E	Elpida E5116AB-5C-E	4-4-4
512 MB	8	EBE52UD6AFSA-5C-E	Elpida E5116AF-5C-E	4-4-4
1 GB	16	EBE11UD8AESA-5C-E	Elpida E5108AE-5C-E	4-4-4

Hynix				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYMP532S646-C4	Hynix HY5PS121621F-C4	4-4-4
256 MB	4	HYMP532S64P6-C4	Hynix HY5PS121621FP-C4	4-4-4
256 MB	4	HYMP532S64B6-C4	Hynix HY5PS121821BF-C4	4-4-4
256 MB	4	HYMP532S64CP6-C4	Hynix HY5PS121621CFP-C4	4-4-4
256 MB	4	HYMP532S64BP6-C4	Hynix HY5PS121821BFP-C4	4-4-4
256 MB	8	HYMP232S646-C4	Hynix HY5PS561621F-C4	4-4-4
256 MB	8	HYMP232S64P6-C4	Hynix HY5PS561621FP-C4	4-4-4
512 MB	8	HYMP564S646-C4	Hynix HY5PS121621F-C4	4-4-4
512 MB	8	HYMP564S64P6-C4	Hynix HY5PS121621FP-C4	4-4-4
512 MB	8	HYMP564S64B6-C4	Hynix HY5PS121621FB-C4	4-4-4
512 MB	8	HYMP564S64BP6-C4	Hynix HY5PS121621FBP-C4	4-4-4
512 MB	8	HYMP564S64CP6-C4	Hynix HY5PS121621CFP-C4	4-4-4
1 GB	16	HYMP112S64M8-C4	Hynix HY5PS1G821M-C4	4-4-4
1 GB	16	HYMP112S64MP8-C4	Hynix HY5PS1G821M-C4	4-4-4
1 GB	16	HYMP512S64B8-C4	Hynix HY5PS12821BF-C4	4-4-4
1 GB	16	HYMP512S64BP8-C4	Hynix HY5PS12821BF-C4	4-4-4
1 GB	8	HYMP112S64P8-C4	Hynix HY5PS1G831FP-C4	4-4-4

Kingmax				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	KSBB68F-38MA4-MAA	Micron MT47H32M8BP-37E	4-4-4
512 MB	8	KSBC28F-A8EB4-EAA	Elpida DE5108AESK-5CZZTEEZ	4-4-4
1 GB	16	KSBD48F-A8EB4-ECA	Elpida DE5108AESK-5CZZTEEZ	4-4-4

Compatible DDR2-533 (PC2-4200) 200 Pin SO-DIMM memory Modules



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

<u>Kingston</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	KVR533D2S4/128	Micron MT47H16M16FG-37E	4-4-4
256 MB	4	KVR533D2S4/256	Qimonda HYB18T512160AC-3.7	4-4-4
512 MB	8	KVR533D2S4/512	Elpida E5116AB-5C-E	4-4-4
512 MB	8	KVR533D2S4/512	Qimonda HYB18T512160AF-3.7	4-4-4
1 GB	16	KVR533D2S4/1G	Qimonda HYB18T51200AF-3.7	4-4-4

<u>Micron</u>				
Density	Load	Module Part Number	Component Part Number	Latency
128 MB	4	MT4HTF1664HG-53EB1	Micron MT47H16M16FG-37E	4-4-4
256 MB	4	MT4HTF3264HY-53EA2	Micron MT47H32M16BT-37E	4-4-4
256 MB	4	MT4HTF3264HY-53EB3	Micron MT47H32M16CC-37E:B	4-4-4
256 MB	4	MT4HTF3264HY-53EB4	Micron MT47H32M16CC-37E:B	4-4-4
256 MB	8	MT8HTF3264HG-53EB1	Micron MT47H32M8FP-37E	4-4-4
256 MB	8	MT8HTF3264HDY-53EB1	Micron MT47H16M16FG-37E	4-4-4
256 MB	8	MT8HTF3264HDY-53EB3	Micron MT47H16M16FG-37E	4-4-4
256 MB	8	MT8H3264HDY-53EB2	Micron MT47H16M16BG-37E	4-4-4
256 MB	8	MT8HTF3264HDY-53EB3	Micron MT47H16M16BG-37E:B	4-4-4
512 MB	8	MT8HTF6464HDY-53EA1	Micron MT47H32M16BT-37E	4-4-4
512 MB	8	MT8HTF6464HDY-53EA2	Micron MT47H32M16BT-37E	4-4-4
512 MB	8	MT8HTF6464HDY-53EB3	Micron MT47H32M16CC-37E:B	4-4-4
1 GB	8	MT8HTF12864HY-53EA2	Micron MT37H128M8BT-37E	4-4-4
1 GB	16	MT16HTF12864HY-53EB3	Micron MT47H64M8CB-37E:B	4-4-4

<u>Mushkin</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	991393	Qimonda HYB18152800AF-3.7	4-4-4

<u>Nanya</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	NT256T64UH4A0FM-37B	Nanya NT5TU32M16AF-37B	4-4-4
256 MB	4	NT256T64UH4A1FN-37B	Nanya NT5TU32M16AG-37B	4-4-4
512 MB	8	NT512T64UH8A0FM-37B	Nanya NT5TU32M16AF-37B	4-4-4
512 MB	8	NT512T64UH8A1FN-37B	Nanya NT5TU32M16AG-37B	4-4-4
1 GB	16	NT1GT64U8HA0BN-37B	Nanya NT5TU64M8AE-37B	4-4-4

Compatible DDR2-533 (PC2-4200) 200 Pin SO-DIMM memory Modules



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

<u>PanRam</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	0411-9311206-0027	Samsung K4T560830F-GCD5	4-4-4

<u>Powerchip</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	AS6E8E63B-5CA1T	Powrchip A3R12E3GEF-623BLB1N	4-4-4
1 GB	16	AS7E8E63B-5CA1T	Powerchip A3R12E3GEF-623BLB1N	4-4-4

<u>PQI</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	MECB-203JA0101	Elpida EDE5116ABSE-5C	4-4-4
512 MB	8	MECB-303JA0101	Elpida EDE5116ABSE-5C	4-4-4
512 MB	8	MECB-301JA0101	Samsung K4T51163QB-GCD5	4-4-4
1 GB	8	MECB-405LA0101	Qimonda HYB18T512800AF-3.7	4-4-4

<u>Qimonda (Formerly Infineon)</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYS64T32000GDL-3.7-A	Qimonda HYB18T512160AC-3.7	4-4-4
256 MB	4	HYS64T32000HDL-3.7-A	Qimonda HYB18T512160AF-3.7	4-4-4
256 MB	4	HYS64T32000GDL-3.7-B	Qimonda HYB18T512160BC-3.7	4-4-4
256 MB	4	HYS64T32000HDL-3.7-B	Qimonda HYB18T512160BF-3.7	4-4-4
512 MB	8	HYS64T64020GDL-3.7-A	Qimonda HYB18T512160AC-3.7	4-4-4
512 MB	8	HYS64T64020HDL-3.7-A	Qimonda HYB18T512160AF-3.7	4-4-4
512 MB	8	HYS64T64020GDL-3.7-B	Qimonda HYB18T512160BC-3.7	4-4-4
512 MB	8	HYS64T64020HDL-3.7-B	Qimonda HYB18T512160BF-3.7	4-4-4
512 MB	16	HYS64T64020HDL-3.7-B	Qimonda HYB18T512160BF-3.7	4-4-4
1 GB	16	HYS64T128021HDL-3.7-A	Qimonda HYB18T512800AF37	4-4-4
1 GB	16	HYS64T128021HDL-3.7-B	Qimonda HYB18T512-800BF37	4-4-4

<u>Ramaxel</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	RMN1190LA46D5F-533	Ramaxel R8S16D512APC-37	4-4-4
256 MB	8	RMN1150M28D5F-533	Micron MT47H32M8BP-37E:B	4-4-4
512 MB	8	RMN1270LA46D6F-533	Ramaxel R816D512APC-37	4-4-4

Compatible DDR2-533 (PC2-4200) 200 Pin SO-DIMM memory Modules



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

<u>Samsung</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M470T3354BG0-CD5	Samsung K4T51163QB-GCD5	4-4-4
256 MB	4	M470T3354BG3-CD5	Samsung K4T51163QB-GCD5	4-4-4
256 MB	4	M470T3354BZ0-CD5	Samsung K4T51163QB-ZCD5	4-4-4
256 MB	4	M470T3354BZ3-CD5	Samsung K4T51163QB-ZCD5	4-4-4
256 MB	4	M470T3354CZ3-CD5	Samsung K4T51163QC-ZCD5	4-4-4
256 MB	4	M470T3354EZ3-CD5	Samsung K4T51163QE-ZCD5	4-4-4
512 MB	4	M470T6464AZ3-CD5	Samsung K4T1G164QA-ZCD5	4-4-4
512 MB	8	M470T6554BG0-CD5	Samsung K4T51163QB-GCD5	4-4-4
512 MB	8	M470T6554BG3-CD5	Samsung K4T51163QB-GCD5	4-4-4
512 MB	8	M470T6554BZ0-CD5	Samsung K4T51163QB-ZCD5	4-4-4
512 MB	8	M470T6554BZ3-CD5	Samsung K4T51163QB-ZCD5	4-4-4
512 MB	8	M470T6554CZ3-CD5	Samsung K4T51163QC-ZCD5	4-4-4
512 MB	8	M470T6554EZ3-CD5	Samsung K4T51163QE-ZCD5	4-4-4
1 GB	8	M470T2864AZ3-CD5	Samsung K4T51083QE-ZCD5	4-4-4
1 GB	16	M470T2953BS0-CD5	Samsung K4T51083QB-SCD5	4-4-4
1 GB	16	M470T2953BS3-CD5	Samsung K4T51083QB-SCD5	4-4-4
1 GB	16	M470T2953BY0-CD5	Samsung K4T51083QB-YCD5	4-4-4
1 GB	16	M470T2953BY3-CD5	Samsung K4T51083QB-YCD5	4-4-4
1 GB	16	M470T2953EZ3-CD5	Samsung K4T51083QE-ZCD5	4-4-4
1 GB	16	M470T2953CZ3-CD5	Samsung K4T51083QC-ZCD5	4-4-4
1 GB	16	M470T2953BY3-CD5	Samsung K4T510830B-YCD5	4-4-4
2 GB	8	M470T5669AZ0-CD5	Samsung K4T2G074QA-ZCD5	4-4-4

<u>TwinMos</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	8D-22JJ3-E1T	Elpida E5116AB-5C-E	4-4-4
512 MB	8	8G-22JJ5-EAT	Elpida E5108AE-5C-E	4-4-4

<u>Unifosa</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	04-001914611	Hynix HY5PS121621-F-C4	4-4-4
256 MB	4	GU33256AGHYQ60283PC	Hynix HY5PS121621-FP-C4	4-4-4
512 MB	8	GU33512AGHYQ60283PC	Hynix HY5PS121621-FP-C4	4-4-4

Compatible DDR2-533 (PC2-4200) 200 Pin SO-DIMM memory Modules



**Radeon® Xpress 200M Chipset for  
Intel® Processors  
Memory Compatibility**

Wintec				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	380114161A	Qimonda HYB18T512160AF-3.7	4-4-4
512 MB	8	380124161A	Qimonda HYB18T512160AF-3.7	4-4-4
512 MB	8	380124284B	Samsung K4T51083QB-GCD5	4-4-4



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

### Radeon® Xpress 200M Chipset for Intel® Processors Compatible DDR2-667 (PC2-5300) 200 Pin SO-DIMM memory Modules

<u>A-Data</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	M2OEL5G3H3410B1C0Z	Elpida EDE5108AESK-6E-E	5-5-5

<u>Aeneon</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	AET660SD00-30DA98X	Aeneon AET94F30D-A-0614	5-5-5
1 GB	16	AET760SD00-30DA98Z	Aeneon AET93F30D-A-0607	5-5-5

<u>Corsair</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	VS512SD667D2	Samsung K4T51083QC-ZCE6	5-5-5

<u>Crucial</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	CT3264AC53E.8FB	Micron MT47H32M8BP-3	5-5-5
512 MB	8	CT6464AC667	Micron MT47H64M8BT-3	5-5-5

<u>Elixir</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	M1N51264TUH8A2F-3C	Nanya NT5TU32M16AG-3C	5-5-5

<u>GEIL</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	GX2S5300-256	GEIL GL2L32G088BA30W	5-5-5

<u>Hynix</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYMP532S64BP6-Y5	Hynix HY5PS121621BFP-Y5	5-5-5
256 MB	4	HYMP532S64CP6-Y5	Hynix HY5PS121621CFP-Y5	5-5-5
512 MB	8	HYMP564S64BP6-Y5	Hynix HY5PS121621BFP-Y5	5-5-5
1 GB	16	HYMP512S64BP8-Y5	Hynix HY5PS12821BFP-Y5	5-5-5
1 GB	16	HYMP512S64CP8-Y5	Hynix HY5PS12821CFP-Y5	5-5-5
2 GB	16	HYMP325S64MP8-Y5	Hynix HY5PS2G831MP-Y5	5-5-5
2 GB	16	HYMP325S64AMP8-Y5	Hynix HY5PS2G831AMP-Y5	5-5-5

Compatible DDR2-667 (PC2-5300) 200 Pin SO-DIMM memory Modules



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

<u>Kingston</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	KVR667D2S5/512	Elpida E5108AE-6E-E	5-5-5
1 GB	16	KVR667D2S5/1G	Elpida E5108AE-6E-E	5-5-5

<u>Micron</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	MT4HTF3264HY-667A3	Micron MT47H32M16BT-3	5-5-5
256 MB	4	MT4HTF3264HY-667B3	Micron MT47H32M16CC-3:B	5-5-5
256 MB	4	MT4HTF3264HY-667D3	Micron MT47H32M16BN-3:D	5-5-5
256 MB	8	MT8HTF3264HDY-667B3	Micron MT47H16M16BG-3	5-5-5
256 MB	8	MT8HTF3264HY-667B3	Micron MT47H32M8BP-3	5-5-5
512 MB	8	MT8HTF6464HDY-667D3	Micron MT47H32M16BN-3:D	5-5-5
512 MB	8	MT8HTF6464HY-667A3	Micron MT47H64M8BT-3	5-5-5
1 GB	16	MT16HTF12864HY-667B3	Micron MT47H64M8CB-3:B	5-5-5
1 GB	16	MT16HTF1286HY-667D3	Micron MT47H64M8B6-3:D	5-5-5

<u>Nanya</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	NT256T64UH4B0FN-3C	Nanya NT5TU32M16BG-3C	5-5-5
256 MB	4	NT256T64UH4A1FN-3C	Nanya NT5TU32M16AG-3C	5-5-5
512 MB	8	NT512T64UH8A1FN-3C	Nanya NT5TU32M16AG-3C	5-5-5
512 MB	8	NT512T64UH8B0FN-3C	Nanya NT5TU32M16BG-3C	5-5-5
1 GB	8	NT1GT64UH8B0MN-3C	Nanya NT5TQ64M168M-3C	5-5-5
1 GB	16	NT1GT64U8HA0BN-3C	Nanya NT5TU64M8AE-3C	5-5-5
1 GB	16	NT1GT64U8HB0BN-3C	Nanya NT5TU64MBBE-3C	5-5-5

<u>OCZ Technology</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	OCZ2667512VSO	OCZ X4P120840H-3	5-5-5
1 GB	8	OCZ26671024VSO	OCZ XP2P120840H-3	5-5-5

<u>Powerchip</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	AS6E8D63B-6E1T	Powerchip A3R12E3EDU 521A9B1N	5-5-5
512 MB	8	AS6E8E63B-6EA1T	Powerchip A3R12E3GEF-623BLB1N	5-5-5
1 GB	16	AS7E63B-6EA1T	Powerchip A3R12E3GEF-623BLB1N	5-5-5

Compatible DDR2-667 (PC2-5300) 200 Pin SO-DIMM memory Modules



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

<u>ProMos</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	V916732B24QBFW-F5	ProMos V59C1512164QBF3	5-5-5
512 MB	8	V916764B24QBFW-F5	ProMos V59C1512164QBF3	5-5-5
1 GB	16	V916765G24QBFW-F5	ProMos V59C1512804QBF3	5-5-5

<u>Qimonda (Formerly Infineon)</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	HYS64T32000HDL-3S-B	Qimonda HYB18T512160BF-3S	5-5-5
512 MB	8	HYS64T64020HDL-3S-B	Qimonda HYB18T512160BF-3S	5-5-5
1 GB	16	HYS64T128021HDL-3S-A	Qimonda HYB18T512800AF-3S	5-5-5
1 GB	16	HYS64T128021HDL-3S-B	Qimonda HYB18T512 800BF-3S	5-5-5

<u>Ramaxel</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	RMN1190LA46D5F-667	Ramaxel R8S16D512APC-3	5-5-5
256 MB	8	RMN1150LA38D6F-667	Ramaxel R8S8D512APC-3	5-5-5

<u>Samsung</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	4	M470T3354CZ0-CE6	Samsung K4T51163QC-ZCE6	5-5-5
256 MB	4	M470T3354CZ3-CE6	Samsung K4T51163QC-ZCE6	5-5-5
256 MB	4	M470T3354EZ3-CE6	Samsung K4T51163QE-ZCE6	5-5-5
512 MB	4	M470T6464AZ3-CE6	Samsung K4T1G164QA-ZCE6	5-5-5
512 MB	8	M470T6554CZ0-CE6	Samsung K4T51163QC-ZCE6	5-5-5
512 MB	8	M470T6554CZ3-CE6	Samsung K4T51163QC-ZCE6	5-5-5
512 MB	8	M470T6554EZ3-CE6	Samsung K4T51163QE-ZCE6	5-5-5
1 GB	16	M470T2953CZ0-CE6	Samsung K4T51083QC-ZCE6	5-5-5
1 GB	16	M470T2953CZ3-CE6	Samsung K4T51083QC-ZCE6	5-5-5
1 GB	16	M470T2953EZ3-CE6	Samsung K4T51083QE-ZCE6	5-5-5
1 GB	8	M470T2864AZ3-CE6	Samsung K4T1G164QA-ZCE6	5-5-5
2 GB	16	M470T5669AZ0-CE6	Samsung K4T1G164QA-ZCE6	5-5-5

<u>Transcend</u>				
Density	Load	Module Part Number	Component Part Number	Latency
1 GB	16	TS128MSQ64V6J	Samsung K4T51083QC-ZCE6	5-5-5

Compatible DDR2-667 (PC2-5300) 200 Pin SO-DIMM memory Modules



## Radeon® Xpress 200M Chipset for Intel® Processors Memory Compatibility

<u>Unifosa</u>				
Density	Load	Module Part Number	Component Part Number	Latency
256 MB	8	GU33256AJEPG61284BE	Elpida E2508AB-6E-E	5-5-5
512 MB	8	GU33512AJEPN61284GE	Elpida E5108AG-6E-E	5-5-5

<u>Viking Interworks</u>				
Density	Load	Module Part Number	Component Part Number	Latency
512 MB	8	VR5DU646418EBWL1	Samsung K4T51083QC-ZCE6	5-5-5
1 GB	16	VR5DU286418EBWL1	Samsung K4T51083QC-ZCE6	5-5-5