

DDR2 Registered DIMMs

Evaluated with the Second-Generation AMD Opteron™ Processor

Introduction

This list contains DDR2 registered 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.

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DDR2 Registered DIMMs

| Supplier | DIMM Speed | DIMM Size | DIMM Config | DIMM P/N |
|------------------|------------|-------------------|-------------|-------------------|
| Apacer | 667 | 1GB | 2Rx8 | 78.01G98.402 |
| ATP | 667 | 1GB | 2Rx8 | AH28K72L8BHE6SG |
| Elpida | 400 | 512MB | 1Rx8 | EBE51RD8AEFA-4A-E |
| | | 533 | 512MB | 1Rx8 |
| | 1GB | | 1Rx4 | EBE10RD4AEFA-5C-E |
| | 667 | 512MB | 1Rx8 | EBE51RD8AGFA-6E-E |
| | | | | EBE51AD8AGFA-6E-E |
| | | 1GB | 1Rx4 | EBE10RD4AEFA-6E-E |
| | | | | EBE10AD4AGFA-6E-E |
| | | 2GB | 2Rx4 | EBE21AD4AGFB-6E-E |
| 4GB | 2Rx4 | EBE41AE4ABHA-6E-E | | |
| Hynix | 400 | 512MB | 1Rx8 | HYMP564R72BP8-E3 |
| | | | | HYMP564R72CP8-E3 |
| | | 1GB | 1Rx4 | HYMP512R72BP4-E3 |
| | | | | HYMP512R72CP4-E3 |
| | | 2GB | 2Rx4 | HYMP525R72BP4-E3 |
| | | | 1Rx4 | HYMP125R72AP4-E3 |
| | | 4GB | 2Rx4 | HYMP351R72MP4-E3 |
| | | | | HYMP351R72AMP4-E3 |
| | 667 | 512MB | 1Rx8 | HYMP564R72AP8-Y5 |
| | | | | HYMP564P72BP8-Y5 |
| | | | | HYMP564P72CP8-Y5 |
| | | 1GB | 2Rx8 | HYMP512R72AP8-Y5 |
| | | | | HYMP112P72CP8-Y5 |
| | | | 1Rx4 | HYMP512P72BP4-Y5 |
| | | HYMP512P72CP4-Y5 | | |
| | | 2GB | 2Rx4 | HYMP525P72BP4-Y5 |
| | | | | HYMP525P72CP4-Y5 |
| | | | 1Rx4 | HYMP125P72AP4-Y5 |
| | | 4GB | 2Rx4 | HYMP125P72CP4-Y5 |
| | | | | HYMP351P72AMP4-Y5 |
| HYMP151P72CP4-Y5 | | | | |
| Kingston | 533 | 512MB | 1Rx4 | KVR533D2S8R4/512 |
| | | 1GB | 2Rx8 | KVR533D2D8R4/1G |
| | 667 | 512MB | 1Rx8 | KVR667D2R5/512 |
| | | 1GB | 2Rx8 | KVR667D2R5/1G |
| Legacy | 667 | 1GB | 1Rx4 | B517M4C2AHA-30R |
| | | 4GB | 2Rx4 | M547RAE20LA-30R |

DDR2 Registered DIMMs (continued)

| Supplier | DIMM Speed | DIMM Size | DIMM Config | DIMM P/N |
|----------|-------------------|---------------------|----------------------|-----------------------|
| Micron | 400 | 2GB | 2Rx4 | MT36HTF25672Y-40EB1 |
| | | 533 | 512MB | 1Rx8 |
| | 1GB | | 1Rx4 | MT18HTF12872PY-53ED2 |
| | 2GB | | 2Rx4 | MT36HTF25672Y-53EB1 |
| | | | 2Rx8 | MT18HTF25672DY-53EA1 |
| | 667 | 512MB | 1Rx8 | MT9HTF6472PY-667B1 |
| | | | | MT9HTF6472PY-667D2 |
| | | 1GB | 1Rx4 | MT18HTF12872PY-667B1 |
| | | | | MT18HTF12872PY-667D2 |
| | | | 2Rx8 | MT18HTF12872PDY-667D2 |
| | | 2GB | 1Rx8 | MT9HTF12872PY-667E1 |
| | | | 2Rx4 | MT36HTF25672PY-667D1 |
| | | | 1Rx4 | MT18HTF25672PY-667E1 |
| | 4GB | 2Rx4 | MT36HTF51272PY-667E1 | |
| 8GB | 2Rx4 | MT36HTS1G72PY-667A1 | | |
| Mushkin | 533 | 1GB | 2Rx8 | 991347 |
| Nanya | 400 | 512MB | 1Rx8 | NT512T72U89A0FU-5A |
| | | 2GB | 2Rx4 | NT2GT72U4NA0BV-5A |
| | 533 | 512MB | 1Rx8 | NT512T72U89A0BV-37B |
| | | 1GB | 1Rx4 | NT1GT72U4PA0BV-37B |
| | 667 | 512MB | 1Rx8 | NT512T72U89A0BV-3C |
| | | | | NT512T72U89B0BV-3C |
| | | 1GB | 1Rx4 | NT1GT72U4PA0BV-3C |
| | | | | NT1GT72U4PB0BV-3C |
| | | 2GB | 2Rx4 | NT2GT72U4NA2BV-3C |
| | | | | NT2GT72U4NB0BV-3C |
| 1Rx4 | NT2GT72U4PB0JV-3C | | | |
| 4GB | 2Rx4 | NT4GTT72U4PB0UV-3C | | |
| Netlist | 400 | 4GB | 4Rx4 | NHD517R21206F-D32KIA |
| ProMOS | 667 | 1GB | 1Rx4 | V917565N24QBFW-F5 |
| | | | 2Rx8 | V917565U24QBFW-F5 |

DDR2 Registered DIMMs (continued)

| Supplier | DIMM Speed | DIMM Size | DIMM Config | DIMM P/N | | |
|----------|------------|--|-----------------|--|--|--|
| Qimonda | 533 | 512MB | 1Rx8 | HYS72T64000HP-3.7-A | | |
| | | 1GB | 1Rx4 | HYS72T128000HP-3.7-A | | |
| | | 2GB | 2Rx4 | HYS72T256220HR-3.7-A | | |
| | | | 1Rx4 | HYS72T256322HP-3.7-A | | |
| | | 4GB | 1Rx4 | HYS72T256000HR-3.7-A | | |
| | | | 2Rx4 | HYS72T512022HR-3.7-A HYS72T512022HP-3.7-A | | |
| | 667 | 512MB | 1Rx8 | HYS72T64000HP-3-B HYS72T64000HP-3S-B | | |
| | | | 1GB | 1Rx4 | HYS72T128000HR-3S-A HYS72T128000HP-3S-A | |
| | | 2Rx8 | | | HYS72T128000HP-3-B HYS72T128300HP-3S-A | |
| | | | | 2GB | 2Rx4 | HYS72T128020HP-3S-A HYS72T128020HP-3-B |
| | | 2Rx4 | | | | HYS72T128320HP-3S-A HYS72T256920EP-3S-B2 HYS72T256220HP-3S-A HYS72T256322HP-3S-A HYS72T256220HP-3-B HYS72T256220HP-3S-B |
| | | | 4GB | | 2Rx4 | HYS72T512022HP-3S-A |
| | | Samsung | 533 | | 512MB | 1Rx8 |
| | | | | 1Rx4 | | M393T2950CZA-CD5 |
| | | | | 1GB | 2Rx8 | M393T2953CZA-CD5 |
| | | | | | 1Rx8 | M393T2863AZA-CD5 |
| | | | | 2GB | 2Rx4 | M393T5750CZ3-CD5 |
| | | | | | 1Rx4 | M393T5660AZ3-CD5 |
| | | | | | 2Rx8 | M393T5663AZA-CD5 |
| | | | | | 2Rx4 | M393T5168AZ0-CD5 |
| 667 | 512MB | | 1Rx8 | M393T6553CZA-CE6 M393T6553EZA-CE6 | | |
| | | | 1GB | 1Rx4 | M393T2950CZA-CE6 M393T2950EZA-CE6 | |
| | 2Rx8 | | | M393T2953CZA-CE6 M393T2953EZA-CE6 | | |
| | | | | 1Rx8 | M393T2863QZA-CE6 | |
| | 1Rx4 | | | M393T2950GZA-CE6 | | |
| | 2Rx8 | | | M393T2953GZA-CE6 | | |
| | 2GB | | | 2Rx4 | M393T5750CZA-CE6 M393T5750EZA-CE6 | |
| | | | 1Rx4 | M393T5660AZA-CE6 | | |
| | | | 2Rx8 | M393T5663AZA-CE6 | | |
| | | | 1Rx4 | M393T5660QZA-CE6 | | |
| | | | 2Rx8 | M393T5663QZA-CE6 | | |
| | | | 2Rx4 | M393T5750GZA-CE6 | | |
| 4GB | 2Rx4 | M393T5160QZA-CE6 M393T5166AZA-CE6 M393T5160CZA-CE6 | | | | |
| | | SMART | 533 | 2GB | 4Rx8 | SG572568FG8E0DG |
| | | 667 | 1GB | 1Rx4 | SG572284FG8E0IL | |
| 4GB | 2Rx4 | | SG572124FG8P6IL | | | |
| Viking | 667 | 1GB | 1Rx4 | VR5ER287214EBWL1 | | |
| | | 2GB | 2Rx4 | VR5ER567214EBWL1 | | |

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