

DDR2-533/667/675 with 600 MHz capability QVL for ASUS P5GDC Series Motherboards

| Type | Size | Vendor | Model | Brand | SS/DS | Component | DIMM socket support (Optional) | |
|----------|--------|-------------|----------------------|---------|-------|--------------------|--------------------------------|----|
| | | | | | | | A* | B* |
| DDR2 675 | 1024MB | CORSAIR | CM2X512-5400C4PRO | N/A | DS | Heat-Sink Package | V | V |
| DDR2 667 | 512MB | SAMSUNG | M378T6453FGN-CE6 | SAMSUNG | DS | K4T560830F-GCE6 | V | V |
| DDR2 533 | 512MB | SAMSUNG | M378T6553BG0-CD5 | SAMSUNG | SS | K4T51083QB-GCD5 | V | V |
| DDR2 533 | 1024MB | SAMSUNG | M378T2953BG0-CD5 | SAMSUNG | DS | K4T51083QB-GCD5 | V | V |
| DDR2 533 | 256MB | SAMSUNG | M378T3253FG0-CD5 | SAMSUNG | SS | K4T56083QF-GCD5 | V | V |
| DDR2 533 | 512MB | SAMSUNG | M378T6453FG0-CD5 | SAMSUNG | DS | K4T56083QF-GCD5 | V | V |
| DDR2 533 | 512MB | Infineon | HYS64T64000GU-3.7-A | N/A | SS | HYB18T512800AC37 | V | V |
| DDR2 533 | 512MB | CORSAIR | CM2X512-4200 | N/A | DS | N/A | V | V |
| DDR2 533 | 512MB | MICRON | MT16HTF6464AG-53EB2 | N/A | DS | 4FBID9BQM | V | V |
| DDR2 533 | 1024MB | MICRON | MT16HTF12864AY-53EA1 | N/A | DS | 4JAID9CRZ | V | V |
| DDR2 533 | 1024MB | Kingston | KVR533D2N4/1G | N/A | DS | E5108AB-5C-E | V | V |
| DDR2 533 | 256MB | Kingston | KVR533D2N4/256 | N/A | SS | HYB18T512160AC-3.7 | V | V |
| DDR2 533 | 512MB | Hynix | HYMP564U648-C4 | N/A | SS | HY5PS12821F-C4 | V | V |
| DDR2 533 | 1024MB | Hynix | HYMP512U648-C4 | N/A | DS | HY5PS12821FP-C4 | V | V |
| DDR2 533 | 256MB | MICRON | MT8HTF3264AY-53EB3 | N/A | SS | 4FBID9CHM | V | V |
| DDR2 533 | 512MB | MICRON | MT16HTF6464AY-53EB2 | N/A | DS | 4FBID9CHM | V | V |
| DDR2 533 | 512MB | KINGMAX | KLBC28K-38MP4 | N/A | DS | 4IBID9BQM | V | V |
| DDR2 533 | 512MB | A-DATA | M2SS2G3H3100A1B0Z | SAMSUNG | SS | K4T51083QB-GCD5 | V | V |
| DDR2 533 | 512MB | TwinMOS | 8D-22JB5-K2T | SAMSUNG | SS | K4T51083QB-GCD5 | V | V |
| DDR2 533 | 512MB | Apacer | 78.91066.460 | SAMSUNG | SS | K4T51083QB-GCD5 | V | V |
| DDR2 533 | 1024MB | Apacer | 78.01066.460 | SAMSUNG | DS | K4T51083QB-GCD5 | V | V |
| DDR2 533 | 512MB | Apacer | 78.91066.110 | N/A | SS | HYB18T512800AC37 | V | V |
| DDR2 533 | 256MB | BRAIN POWER | BS212-1-256M-MIC-533 | N/A | DS | 4CBHIZ9BQT | V | V |
| DDR2 533 | 512MB | BRAIN POWER | BS213-1-512M-MIC-533 | N/A | DS | 4CBHIZ9BQT | V | V |
| DDR2 533 | 512MB | ELPIDA | EBE51UD8ABFA-5C | ELPIDA | DS | E5108AB-5C-E | V | V |
| DDR2 533 | 512MB | ELPIDA | EBE51UD8ABFA-5C-E | ELPIDA | DS | E5108AB-5C-E | V | V |
| DDR2 533 | 1024MB | ELPIDA | EBE11UD8ABFA-5C-E | ELPIDA | DS | E5108AB-5C-E | V | V |
| DDR2 533 | 256MB | Apacer | 78.81067.460 | SAMSUNG | SS | K4T560830F-GC05 | V | V |
| DDR2 533 | 512MB | Apacer | 78.91066.420 | ELPIDA | SS | E5108AB-5C-E | V | V |
| DDR2 533 | 1024MB | Apacer | 78.01066.420 | ELPIDA | DS | E5108AB-5C-E | V | V |

Note:

A* : Supports one module inserted in any yellow slot as Single-channel memory configuration

B* : Supports one pair of modules inserted into both of the yellow slots as one pair of Dual-channel memory configuration

DDR2 533 QVL for ASUS P5GDC Series Motherboards

| Size | Vendor | Model | Brand | SS/DS | Component | DIMM socket support (Optional) | |
|--------|-------------|----------------------|----------|-------|-------------------|--------------------------------|----|
| | | | | | | A* | B* |
| 512MB | SAMSUNG | M378T6553BG0-CD5 | SAMSUNG | SS | K4T51083QB-GCD5 | V | V |
| 1024MB | SAMSUNG | M378T2953BG0-CD5 | SAMSUNG | DS | K4T51083QB-GCD5 | V | V |
| 256MB | SAMSUNG | M378T3253FG0-CD5 | SAMSUNG | SS | K4T56083QF-GCD5 | V | V |
| 512MB | SAMSUNG | M378T6453FG0-CD5 | SAMSUNG | DS | K4T56083QF-GCD5 | V | V |
| 512MB | SAMSUNG | M378T6453FGN-CE6 | SAMSUNG | DS | M378T6453FGN-CE6 | V | V |
| 512MB | Infineon | HYS64T64000GU-3.7-A | N/A | SS | HYB18T512800AC37 | V | V |
| 256MB | Infineon | HYS64T64000GU-3.7-A | Infineon | SS | HYB18T512800AC37 | V | V |
| 512MB | CORSAIR | CM2X512-4300 | N/A | DS | Heat-Sink Package | V | V |
| 512MB | CORSAIR | CM2X512-4200 | N/A | DS | Heat-Sink Package | V | V |
| 128MB | MICRON | MT4HTF1664AG-53EB1 | N/A | SS | 3WBHIZ9BXX | V | V |
| 256MB | MICRON | MT8HTF3264AG-53EB3 | N/A | SS | 3UBHIZ9BQT | V | V |
| 256MB | MICRON | MT8HTF3264AG-53EB3 | N/A | SS | 3TBHIZ9BQT | V | V |
| 512MB | MICRON | MT16HTF6464AG-53EB1 | N/A | DS | 3TBHIZ9BQT | V | V |
| 512MB | MICRON | MT16HTF6464AG-53EB2 | N/A | DS | 4FBID9BQM | V | V |
| 256MB | MICRON | N/A | N/A | SS | 4DBHIZ9BQT | V | V |
| 1024MB | MICRON | MT16HTF12864AY-53EA1 | N/A | DS | 4JAID9CRZ | V | V |
| 1024MB | MICRON | MT16HTF12864AY-53EA1 | MICRON | DS | 4MA11D9CRZ | V | V |
| 512MB | Kingston | KVR533D2N4/512 | N/A | SS | E5108AB-5C-E | V | V |
| 512MB | Hynix | HYMP564U648-C4 | N/A | SS | HY5PS12821F-C4 | V | V |
| 1024MB | Hynix | HYMP512U648-C4 | N/A | DS | HY5PS12821FP-C4 | V | V |
| 1024MB | Hynix | HYMP512U648-C4 | N/A | DS | HY5PS12821FP-C4 | V | V |
| 512MB | KINGMAX | KLBC28K-38MP4 | N/A | DS | 4IBID9BQM | V | V |
| 1024MB | KINGMAX | KLBD48K-A8MP4 | MICRON | DS | 4MAID9CRZ | V | V |
| 512MB | A-DATA | N/A | SAMSUNG | SS | K4T51083QB-GCD5 | V | V |
| 512MB | A-DATA | M2OAD2G3H3110A1B0E | A DATA | SS | AD29608A8A-3750 | V | V |
| 512MB | TwinMOS | 8D-22JB5-K2T | SAMSUNG | SS | K4T51083QB-GCD5 | V | V |
| 512MB | Apacer | 78.91066.460 | SAMSUNG | SS | K4T51083QB-GCD5 | V | V |
| 1024MB | Apacer | 78.01066.460 | SAMSUNG | DS | K4T51083QB-GCD5 | V | V |
| 512MB | Apacer | 78.91066.110 | N/A | SS | HYB18T512800AC37 | V | V |
| 1024MB | Apacer | 78.01066.110 | N/A | DS | HYB18T512800AC37 | V | V |
| 256MB | BRAIN POWER | BS212-1-256M-MIC-533 | N/A | DS | 4CBHIZ9BQT | V | V |
| 512MB | BRAIN POWER | BS213-1-512M-MIC-533 | N/A | DS | 4CBHIZ9BQT | V | V |
| 512MB | ELPIDA | EBE51UD8ABFA-5C | ELPIDA | DS | E5108AB-5C-E | V | V |
| 512MB | ELPIDA | EBE51UD8ABFA-5C-E | ELPIDA | DS | E5108AB-5C-E | V | V |
| 1024MB | ELPIDA | EBE11UD8ABFA-5C-E | ELPIDA | DS | E5108AB-5C-E | V | V |
| 512MB | Pmi | MAB4512MIC | SAMSUNG | DS | K4T51083QB-GCD5 | V | V |
| 512MB | Geil | GX2 1GB4200DC | N/A | SS | N/A | V | V |
| 512MB | WINTEC | 39U124281A | N/A | SS | HYB18T512800AF37 | V | V |
| 1024MB | WINTEC | 39U134281A | N/A | DS | HYB18T512800AF37 | V | V |

Note:

A* : Supports one module inserted in any yellow slot as Single-channel memory configuration

B* : Supports one pair of modules inserted into both of the yellow slots as one pair of Dual-channel memory configuration

DDR 400 QVL for ASUS P5GDC Series Motherboards

| Size | Vendor | Model | Brand | SS/DS | Component | DIMM socket support (Optional) | | |
|--------|-------------|-----------------------|--------------|-------|-------------------|--------------------------------|----|----|
| | | | | | | A* | B* | C* |
| 256MB | KINGSTON | KVR400X64C3A/256 | Hynix | SS | HY5DU56822BT-D43 | √ | √ | √ |
| 512MB | KINGSTON | KVR400X64C3A/512 | Hynix | DS | HY5DU56822BT-D43 | √ | √ | √ |
| 256MB | KINGSTON | KVR400X64C3A/256 | Infineon | SS | HYB25D256800BT-5B | √ | √ | √ |
| 512MB | KINGSTON | KVR400X64C3A/512 | Infineon | DS | HYB25D256800BT-5B | √ | √ | √ |
| 256MB | KINGSTON | KVR400X64C3A/256 | KINGSTON | SS | D3208DL2T-5 | √ | √ | √ |
| 512MB | KINGSTON | KVR400X64C3A/512 | KINGSTON | DS | D328DIB-50 | √ | √ | √ |
| 256MB | SAMSUNG | M368L3223FTN-CCC | SAMSUNG | SS | K4H560838E-TCCC | √ | √ | √ |
| 256MB | SAMSUNG | M368L3223FTN-CCC | SAMSUNG | SS | K4H560838F-TCCC | √ | √ | √ |
| 512MB | SAMSUNG | M368L6423FTN-CCC | SAMSUNG | DS | K4H560838F-TCCC | √ | √ | √ |
| 256MB | MICRON | MT8VDDT3264AG-40BCB | MICRON | SS | MT46V32M8TG-5BC | √ | √ | √ |
| 512MB | MICRON | MT16VDDT6464AG-40BCB | MICRON | DS | MT46V32M8TG-5BC | √ | √ | √ |
| 256MB | Infineon | HYS64D32300GU-5-B | Infineon | SS | HYB25D256800BT-5B | √ | √ | √ |
| 512MB | Infineon | HYS64D64320GU-5-B | Infineon | DS | HYB25D256800BT-5B | √ | √ | √ |
| 256MB | Infineon | HYS64D32300HU-5-C | Infineon | SS | HYB25D256800CE-5C | √ | √ | √ |
| 512MB | Infineon | HYS64D64320HU-5-C | Infineon | DS | HYB25D256800CE-5C | √ | √ | √ |
| 256MB | CORSAIR | CMX256A-3200C2PT | Winbond | SS | W942508BH-5 | √ | √ | √ |
| 512MB | CORSAIR | CMX512-3200C2 | Winbond | DS | N/A | √ | √ | √ |
| 512MB | CORSAIR | VS512MB400 | VALUE SELECT | DS | VS32M8-5 | √ | √ | √ |
| 256MB | GEIL | GE2563200B | GEIL | SS | GL3LC32G88TG-5A | √ | √ | √ |
| 512MB | GEIL | GE5123200B | GEIL | DS | GL3LC32G88TG-5A | √ | √ | √ |
| 256MB | GEIL | GD3200-256V | GEIL | SS | GLIL DDR 32M8 | √ | √ | √ |
| 512MB | GEIL | GD3200-512V | GEIL | DS | GLIL DDR 32M8 | √ | √ | √ |
| 256MB | TwinMOS | M2S9I08AFAP9F0811A-T | PSC | SS | A2S56D30ATP | √ | √ | √ |
| 256MB | TwinMOS | M2G9I08AIATT9F081AADT | TwinMOS | SS | TMD7608F8E50D | √ | √ | √ |
| 512MB | TwinMOS | M2G9I16AJATT9F081AADT | TwinMOS | DS | TMD7608F8E50D | √ | √ | √ |
| 256MB | Transcend | TS32MLD64V4F3 | SAMSUNG | SS | K4H560838F-TCCC | √ | √ | √ |
| 512MB | Transcend | TS64MLD64V4F3 | SAMSUNG | DS | K4H560838F-TCCC | √ | √ | √ |
| 1024MB | Transcend | TS128MLD64V4J | SAMSUNG | DS | K4H510838B-TCCC | √ | √ | √ |
| 256MB | Transcend | TS32MLD64V4F3 | Mosel | SS | V58C2256804SAT5B | √ | √ | √ |
| 512MB | Transcend | TS64MLD64V4F3 | Mosel | DS | V58C2256804SAT5B | √ | √ | √ |
| 256MB | Transcend | TS32MLD64V4F3 | SAMSUNG | SS | K4H560838E-TCCC | √ | √ | √ |
| 512MB | Transcend | TS64MLD64V4F3 | SAMSUNG | DS | K4H560838E-TCCC | √ | √ | √ |
| 256MB | Apacer | 77.10636.19G | Infineon | SS | HYB25D256807BT-5B | √ | √ | √ |
| 512MB | Apacer | 77.10736.19G | Infineon | DS | HYB25D256807BT-5B | √ | √ | √ |
| 256MB | Apacer | 77.10636.56G | Mosel | SS | V58C2256804SAT5 | √ | √ | √ |
| 512MB | Apacer | 77.10736.56G | Mosel | DS | V58C2256804SAT5B | √ | √ | √ |
| 256MB | A DATA | MDOSS6F3G31Y0K1E0Z | SAMSUNG | SS | K4H560838E-TCCC | √ | √ | √ |
| 512MB | A DATA | MDOSS6F3H41Y0N1E0Z | SAMSUNG | DS | K4H560838F-TCCC | √ | √ | √ |
| 256MB | A DATA | MDOHY6F3G31Y0N1E0Z | Hynix | SS | HY5DU56822CT-D43 | √ | √ | √ |
| 512MB | A DATA | MDOHY6F3H41Y0N1E0Z | Hynix | DS | HY5DU56822CT-D43 | √ | √ | √ |
| 256MB | A DATA | MDOAD5F3G31Y0D1E0Z | N/A | SS | ADD8608A8A-5B | √ | √ | √ |
| 512MB | A DATA | MDOAD5F3H41Y0D1E0Z | N/A | DS | ADD8608A8A-5B | √ | √ | √ |
| 256MB | Winbond | W9425GCDB-5 | Winbond | SS | W942508CH-5 | √ | √ | √ |
| 512MB | Winbond | W9451GCDB-5 | Winbond | DS | W942508CH-5 | √ | √ | √ |
| 256MB | PSC | AL5D8B53T-5B1K | PSC | SS | A2S56D30BTP | √ | √ | √ |
| 512MB | PSC | AL6D8B53T-5B1K | PSC | DS | A2S56D30BTP | √ | √ | √ |
| 256MB | KINGMAX | MPXB62D-38KT3R | N/A | SS | KDL388P4A-50 | √ | √ | √ |
| 512MB | KINGMAX | MPXC22D-38KT3R | N/A | DS | KDL388P4A-50 | √ | √ | √ |
| 512MB | ATP | AG64L64T8SQC4S | SAMSUNG | DS | K4H560838D-TCC4 | √ | √ | √ |
| 1024MB | ATP | AG28L64T8SMC4M | MICRON | DS | MT46V64M4TG-5BC | √ | √ | √ |
| 128MB | NANYA | NT128D64SH4B1G-5T | N/A | SS | NT5DS16M16BT-5T | √ | √ | √ |
| 256MB | NANYA | NT256D64S88B1G-5T | NANYA | SS | NT5DS32M8BT-5T | √ | √ | √ |
| 512MB | NANYA | NS12D64S88B1G-5T | NANYA | DS | NT5DS32M8BT-5T | √ | √ | √ |
| 256MB | NANYA | NT256D64S88C0G-5T | N/A | SS | NT5DS32M8CT-5T | √ | √ | √ |
| 512MB | NANYA | NT512D64S88C0G-5T | N/A | DS | NT5DS32M8CT-5T | √ | √ | √ |
| 256MB | BRAIN POWER | B6U808-256M-SAM-400 | SAMSUNG | SS | K4H560838D-TCC4 | √ | √ | √ |
| 512MB | BRAIN POWER | B6U808-512M-SAM-400 | SAMSUNG | DS | K4H560838D-TCC4 | √ | √ | √ |
| 256MB | CENTURY | DXV6S8SSCCD3K27C | SAMSUNG | SS | K4H560838D-TCCC | √ | √ | √ |
| 512MB | CENTURY | DXV2S8SSCCD3K27C | SAMSUNG | DS | K4H560838D-TCCC | √ | √ | √ |
| 256MB | CENTURY | DXV6S8SSCCE3K27E | SAMSUNG | SS | K4H560838E-TCCC | √ | √ | √ |
| 512MB | CENTURY | DXV2S8SSCCE3K27E | SAMSUNG | DS | K4H560838E-TCCC | √ | √ | √ |
| 256MB | CENTURY | DXV6S8MCSB3C3U27E | MICRON | SS | MT46V32M8TG-5BC | √ | √ | √ |
| 512MB | CENTURY | DXV2S8MCSB3C3U27E | MICRON | DS | MT46V32M8TG-5BC | √ | √ | √ |
| 256MB | elixir | M2U25664DS88B3G-5T | NANYA | SS | N2DS25680BT-5T | √ | √ | √ |
| 512MB | elixir | M2U51264DS88B3G-5T | NANYA | DS | N2DS25680BT-5T | √ | √ | √ |
| 256MB | Kreton | N/A | VT | SS | VT3225804T-5 | √ | √ | √ |
| 512MB | Kreton | N/A | VT | DS | VT3225804T-5 | √ | √ | √ |
| 256MB | Veritech | VT400FMV/2561103 | VT | SS | VT56DD32M8PC-5 | √ | √ | √ |
| 512MB | Veritech | VT400FMV/5121003 | VT | DS | VT56DD32M8PC-5 | √ | √ | √ |
| 256MB | Pmi | MD44256VIT3208GMHA01 | Mosel | SS | V58C2256804SAT5B | √ | √ | √ |
| 512MB | Pmi | MD44512VIT3208GATA03 | Mosel | DS | V58C2256804SAT5B | √ | √ | √ |
| 256MB | ProMOS | V826632K24SCTG-D0 | Mosel | SS | V58C2256804SCT5B | √ | √ | √ |
| 512MB | ProMOS | V826664K24SCTG-D0 | Mosel | DS | V58C2256804SCT5B | √ | √ | √ |
| 256MB | Hynix | HYMD232645D8J-D43 | Hynix | SS | HY5DU56822DT-D43 | √ | √ | √ |
| 512MB | Hynix | HYMD264646D8J-D43 | Hynix | DS | HY5DU56822DT-D43 | √ | √ | √ |

Note:

A* : Supports one module inserted in any blue or black slot as Single-channel memory configuration

B* : Supports one pair of modules inserted into either the blue slots or the black slots as one pair of Dual-channel memory configuration

C* : Supports 4 modules inserted into both the blue and black slots as two pairs of Dual-channel memory configuration