

## Qualified Vendors List (QVL)

Memory modules listed below are for reference only. Due to massive memory models on the market, we can only verify some of them

以下所列的記憶體模組僅供參考，因市面上的記憶體模組眾多，我們無法一一驗證

**Model Name: Z77-D3H**

### DDR3 2400

| Module Supplier | Size | Module P/N.           | SS/DS | DIMM Socket |        |        |        |
|-----------------|------|-----------------------|-------|-------------|--------|--------|--------|
|                 |      |                       |       | DDR3_1      | DDR3_3 | DDR3_2 | DDR3_4 |
| G.SKILL         | 2GB  | F3-19200CL8D-4GBPID   | DS    | v           | v      | v      | v      |
| G.SKILL         | 4GB  | F3-19200CL11Q-16GBZHD | DS    | v           | v      | v      | v      |
| Kingston        | 2GB  | KHX2400C11D3K4/8GX    | SS    | v           | v      | v      | v      |
| G.SKILL         | 2GB  | F3-19200CL9D-4GBPIS   | DS    | v           |        | v      |        |
| CORSAIR         | 2GB  | CMGTX1                | DS    | v           | v      | v      | v      |
| CORSAIR         | 2GB  | CMGTX8                | SS    | v           | v      | v      | v      |

### DDR3 2200

| Module Supplier | Size | Module P/N.         | SS/DS | DIMM Socket |        |        |        |
|-----------------|------|---------------------|-------|-------------|--------|--------|--------|
|                 |      |                     |       | DDR3_1      | DDR3_3 | DDR3_2 | DDR3_4 |
| Winchip         | 2GB  | DFC2GBIILK22A00E    | SS    | v           |        | v      |        |
| GEIL            | 2GB  | GU38GB2200C9QC      | DS    | v           | v      | v      | v      |
| KingMax         | 2GB  | FLKE85F-B8KJAA-FEIS | DS    | v           | v      | v      | v      |

### DDR3 2133

| Module Supplier | Size | Module P/N.        | SS/DS | DIMM Socket |        |        |        |
|-----------------|------|--------------------|-------|-------------|--------|--------|--------|
|                 |      |                    |       | DDR3_1      | DDR3_3 | DDR3_2 | DDR3_4 |
| A-DATA          | 2GB  | AX3U2133GC2G9B-DG2 | SS    | v           | v      | v      | v      |
| Apacer          | 4GB  | 78.BAGE4.AFD0C     | DS    | v           | v      | v      | v      |

|          |     |                      |    |   |   |   |   |
|----------|-----|----------------------|----|---|---|---|---|
| CORSAIR  | 2GB | CMT4GX3M2A2133C9     | DS | v | v | v | v |
| CORSAIR  | 4GB | CMD8GX3M2A2133C9     | DS | v | v | v | v |
| A-DATA   | 4GB | AX3U2133GC4G9B-DG2   | DS | v |   | v |   |
| CORSAIR  | 4GB | CMZ16GX3M4X2133C11R  | DS | v | v | v | v |
| Kingston | 4GB | KHX2133C11D3K4/16GX  | DS | v | v | v | v |
| G.SKILL  | 4GB | F3-17000CL9Q-16GBXLD | DS | v | v | v | v |
| G.SKILL  | 4GB | F3-17000CL9Q-16GBZH  | DS | v | v | v | v |

### DDR3 2000

| Module Supplier | Size | Module P/N.          | SS/DS | DIMM Socket |        |        |        |
|-----------------|------|----------------------|-------|-------------|--------|--------|--------|
|                 |      |                      |       | DDR3_1      | DDR3_3 | DDR3_2 | DDR3_4 |
| A-DATA          | 4GB  | AX3U2000GC4G9B-DG2   | DS    | v           | v      | v      | v      |
| Apacer          | 1GB  | 78.0AGCQ.CBZ         | SS    | v           |        | v      |        |
| Crucial         | 1GB  | BL12864BE2009.8SFB3  | SS    | v           | v      | v      | v      |
| GEIL            | 2GB  | GE34GB2000C9DC       | DS    | v           | v      | v      | v      |
| GEIL            | 2GB  | GB34GB2000C9DC       | DS    | v           | v      | v      | v      |
| G.SKILL         | 2GB  | F3-16000CL6Q-8GBPIS  | DS    | v           | v      | v      | v      |
| G.SKILL         | 2GB  | F3-16000CL9D-4GBFLS  | DS    | v           | v      | v      | v      |
| G.SKILL         | 1GB  | F3-16000CL9T-3GBPI-B | SS    | v           |        | v      |        |
| Team            | 1GB  | TXD32048M2000HC9     | SS    | v           | v      | v      | v      |
| PATRIOT         | 1GB  | PVS32G2000LLKN       | SS    | v           | v      | v      | v      |
| PATRIOT         | 4GB  | PX7312G2000ELK       | DS    | v           | v      | v      | v      |
| OCZ             | 4GB  | OCZ3P2000LV8GK       | DS    | v           | v      | v      | v      |
| mushkin         | 2GB  | 996696es             | DS    | v           | v      | v      | v      |
| Winchip         | 4GB  | DFC4GBIILK20900E     | DS    | v           | v      | v      | v      |

### DDR3 1866

| Module Supplier | Size | Module P/N | SS/DS | DIMM Socket |  |  |  |
|-----------------|------|------------|-------|-------------|--|--|--|
|-----------------|------|------------|-------|-------------|--|--|--|

| Module Supplier | Size | Module P/N.             | SS/DS | DDR3_1 | DDR3_3 | DDR3_2 | DDR3_4 |
|-----------------|------|-------------------------|-------|--------|--------|--------|--------|
| CORSAIR         | 4GB  | CMD16GX3M4A1866C9       | DS    | v      | v      | v      | v      |
| CORSAIR         | 4GB  | CMD8GX3M2A1866C9        | DS    | v      | v      | v      | v      |
| CORSAIR         | 8GB  | CMT32GX3M4X1866C9       | DS    | v      | v      | v      | v      |
| Crucial         | 4GB  | BLE4G3D1869DE1TX0.16FMD | DS    | v      | v      | v      | v      |
| GEIL            | 4GB  | GOC38GB1866C9DC         | DS    | v      | v      | v      | v      |
| G.SKILL         | 4GB  | F3-14900CL9Q-16GBZL     | DS    | v      | v      | v      | v      |
| G.SKILL         | 4GB  | F3-14900CL9D-8GBSR      | DS    | v      | v      | v      | v      |
| PATRIOT         | 4GB  | PXD38G1866ELK           | DS    | v      | v      | v      | v      |
| CORSAIR         | 8GB  | CMZ32GX3M4X1866C10      | DS    | v      | v      | v      | v      |
| CORSAIR         | 4GB  | CMZ16GX3M4X1866C9R      | DS    | v      | v      | v      | v      |
| Kingston        | 4GB  | KVR1866D3N11/4G         | DS    | v      | v      | v      | v      |

#### DDR3 1600

| Module Supplier | Size | Module P/N.       | SS/DS | DIMM Socket |        |        |        |
|-----------------|------|-------------------|-------|-------------|--------|--------|--------|
|                 |      |                   |       | DDR3_1      | DDR3_3 | DDR3_2 | DDR3_4 |
| A-DATA          | 1GB  | AX3U1600PB1G8-2P  | SS    | v           | v      | v      | v      |
| A-DATA          | 2GB  | DDR3 1600G        | DS    | v           | v      | v      | v      |
| A-DATA          | 4GB  | AX3U1600GC4G9-BG  | DS    | v           | v      | v      | v      |
| AMD             | 2GB  | AE32G1609U1-U     | SS    | v           | v      | v      | v      |
| AMD             | 4GB  | AE34G1609U2-U     | DS    | v           | v      | v      | v      |
| AMD             | 4GB  | AP38G1608U2K      | DS    | v           | v      | v      | v      |
| CORSAIR         | 2GB  | CMD4GX3M2B1600C8  | DS    | v           | v      | v      | v      |
| CORSAIR         | 2GB  | CMD8GX3M4A1600C8  | DS    | v           | v      | v      | v      |
| CORSAIR         | 2GB  | HX3X12G1600C9     | DS    | v           | v      | v      | v      |
| CORSAIR         | 2GB  | CMZ8GX3M4X1600C9  | SS    | v           | v      | v      | v      |
| CORSAIR         | 4GB  | CML16GX3M4X1600C8 | DS    | v           | v      | v      | v      |
| CORSAIR         | 4GB  | CMZ16GX3M4X1600C9 | DS    | v           | v      | v      | v      |

|           |     |                        |    |   |   |   |   |
|-----------|-----|------------------------|----|---|---|---|---|
| CORSAIR   | 8GB | CMZ32GX3M4X1600C10     | DS | v | v | v | v |
| Crucial   | 4GB | BLT4G3D1608DT1TX0.16FM | DS | v | v | v | v |
| elixir    | 2GB | M2X2G64CB88G7N-DG      | SS | v | v | v | v |
| elixir    | 4GB | M2X4G64CB8HG5N-DG      | DS | v | v | v | v |
| GEIL      | 2GB | GET34GB1600C7DC        | DS | v | v | v | v |
| GEIL      | 2GB | GET38GB1600C9QC        | DS | v | v | v | v |
| GEIL      | 4GB | GEP38GB1750C9DC        | DS | v | v | v | v |
| G.SKILL   | 2GB | F3-12800CL7D-4GBECO    | DS | v | v | v | v |
| G.SKILL   | 2GB | F3-12800CL9D-4GBXL     | DS | v | v | v | v |
| G.SKILL   | 4GB | F3-12800CL9Q-16GBXL    | DS | v | v | v | v |
| G.SKILL   | 4GB | F3-12800CL7Q-16GBXH    | DS | v | v | v | v |
| G.SKILL   | 4GB | F3-12800CL9Q-16GBZL    | DS | v | v | v | v |
| G.SKILL   | 4GB | F3-12800CL9S-4GBXL     | DS | v | v | v | v |
| Kingston  | 2GB | KHX1600C9D3X2K2/4GX    | DS | v | v | v | v |
| Kingston  | 2GB | KHX1600C9D3K2/4GX      | DS | v | v | v | v |
| Kingston  | 4GB | KHX1600C9D3/4G         | DS | v | v | v | v |
| Kingston  | 4GB | KHX1600C9D3P1K2/8G     | DS | v | v | v | v |
| Kingston  | 4GB | KHX1600C9D3K3/12GX     | DS | v | v | v | v |
| Kingston  | 4GB | KHX1600C9D3K6/24GX     | DS | v | v | v | v |
| Kingston  | 4GB | KHX1600C9D3K8/32GX     | DS | v | v | v | v |
| Kingston  | 4GB | KHX1600C9D3LK2/8GX     | DS | v | v | v | v |
| KingMax   | 1GB | FLGD45F-B8KG9          | SS | v | v | v | v |
| KingMax   | 2GB | FLGE85F-B8KG9          | DS | v | v | v | v |
| KingMax   | 4GB | FLGF65F-C8KL9A         | DS | v | v | v | v |
| KINGTIGER | 2GB | KTG2G1600PG3           | DS | v | v | v | v |
| OCZ       | 2GB | OCZ3P1600ELV4GK        | DS | v | v | v | v |
| OCZ       | 2GB | OCZ3P1600LV8GK         | DS | v | v | v | v |
| OCZ       | 2GB | OCZ3P1600LV8GK         | DS | v | v | v | v |
| PATRIOT   | 2GB | PGS34G1600LLKA         | DS | v |   | v |   |

|              |     |                      |    |   |   |   |   |
|--------------|-----|----------------------|----|---|---|---|---|
| PATRIOT      | 4GB | PX7312G1600LLK       | DS | v | v | v | v |
| PATRIOT      | 4GB | PGD38G1600ELK        | DS | v | v | v | v |
| SUPER TALENT | 2GB | WP160UX4G9           | DS | v | v | v | v |
| Transcend    | 4GB | JM1600KLN-8GK        | DS | v | v | v | v |
| Team         | 2GB | TXD36144M1600HC8TC-D | DS | v | v | v | v |
| Team         | 2GB | TXD32048M1600HC8-D   | DS | v | v | v | v |
| Winchip      | 1GB | GDF1GB18L150C9       | SS | v | v | v | v |
| Winchip      | 2GB | DFC2GBHHLG16900E     | DS | v | v | v | v |
| Winchip      | 2GB | DFC2GBIILJ16800E     | DS | v | v | v | v |

### DDR3 1333

| Module Supplier | Size | Module P/N.       | SS/DS | DIMM Socket |        |        |        |
|-----------------|------|-------------------|-------|-------------|--------|--------|--------|
|                 |      |                   |       | DDR3_1      | DDR3_3 | DDR3_2 | DDR3_4 |
| A-DATA          | 2GB  | DDR3 1333 2G      | SS    | v           | v      | v      | v      |
| A-DATA          | 2GB  | AM2U139C2P1       | SS    | v           | v      | v      | v      |
| A-DATA          | 4GB  | DDR3 1333 4G      | DS    | v           | v      | v      | v      |
| A-DATA          | 4GB  | AM2U139C4P2       | DS    | v           | v      | v      | v      |
| A-DATA          | 8GB  | SU3U133W8G9-B     | DS    | v           | v      | v      | v      |
| A-DATA          | 8GB  | AD3U133W8G9-B     | DS    | v           | v      | v      | v      |
| AMD             | 2GB  | AE32G1339U1-U     | SS    | v           | v      | v      | v      |
| AMD             | 4GB  | AE34G1339U2-U     | DS    | v           | v      | v      | v      |
| Apacer          | 2GB  | 78.A1GC6.9L1      | DS    | v           | v      | v      | v      |
| Apacer          | 2GB  | AU02GFA33C9NBGC   | DS    | v           | v      | v      | v      |
| Apacer          | 4GB  | 78.B1GDE.9L10C    | DS    | v           | v      | v      | v      |
| Apacer          | 4GB  | AU04GFA33C9QBGC   | DS    | v           | v      | v      | v      |
| CORSAIR         | 2GB  | CMV4GX3M2A1333C9  | SS    | v           | v      | v      | v      |
| CORSAIR         | 2GB  | CMX6GX3M3A1333C8  | DS    | v           | v      | v      | v      |
| Crucial         | 1GB  | CT12864BA1339.8FF | SS    | v           | v      | v      | v      |

|           |     |                      |    |   |   |   |   |
|-----------|-----|----------------------|----|---|---|---|---|
| Crucial   | 8GB | CT102464BA1339.16FDD | DS | v | v | v | v |
| elixir    | 2GB | M2F2G64CB88G7N-CG    | SS | v | v | v | v |
| elixir    | 4GB | M2F4G64CB8HD5N-CG    | DS | v | v | v | v |
| GEIL      | 2GB | AF16H5664H2AHTCKT    | DS | v | v | v | v |
| GEIL      | 4GB | GVP34GB1333C9SC      | DS | v | v | v | v |
| GEIL      | 4GB | GEP38GB1500C9DC      | DS | v | v | v | v |
| G.SKILL   | 4GB | F3-10666CL9D-8GBRL   | DS | v | v | v | v |
| G.SKILL   | 4GB | F3-10666CL7D-8GBRH   | DS | v | v | v | v |
| Kingston  | 1GB | KVR1333D3N9/1G       | SS | v | v | v | v |
| Kingston  | 2GB | KVR1333D3N9/2G-SP    | DS | v | v | v | v |
| Kingston  | 2GB | KVR1333D3S8N9/2G     | SS | v | v | v | v |
| Kingston  | 2GB | KVR1333D3N9/2G       | DS | v | v | v | v |
| Kingston  | 4GB | KVR1333D3N9/4G       | DS | v | v | v | v |
| Kingston  | 8GB | KVR1333D3N9H/8G      | DS | v | v | v | v |
| KingMax   | 2GB | FLFE85F-C8KM9        | SS | v | v | v | v |
| KingMax   | 4GB | FLFF65F-C8KM9        | DS | v | v | v | v |
| KINGTIGER | 2GB | KTG2G1333PW3         | DS | v | v | v | v |
| KINGTIGER | 4GB | T10KA0C8315          | DS | v | v | v | v |
| OCZ       | 1GB | OCZ3P13332GK         | DS | v | v | v | v |
| OCZ       | 2GB | OCZ3P1333C9ELV4GK    | DS | v | v | v | v |
| OCZ       | 4GB | OCZ3G1333LV8GK       | DS | v | v | v | v |
| PQI       | 2GB | MFACR423PA0103       | DS | v | v | v | v |
| PATRIOT   | 2GB | PGS34G1333LLKA       | DS | v | v | v | v |
| PATRIOT   | 2GB | PSD32G13332          | DS | v |   | v |   |
| PATRIOT   | 4GB | PGQ316G1333ELQK      | DS | v | v | v | v |
| PATRIOT   | 8GB | PGD316G1333ELK       | DS | v | v | v | v |
| PATRIOT   | 8GB | PGQ332G1333ELQK      | DS | v | v | v | v |
| Ramax     | 4GB | RMR1870EC58E9F       | DS | v | v | v | v |

|           |     |                     |    |   |   |   |   |
|-----------|-----|---------------------|----|---|---|---|---|
| Samsung   | 2GB | M378B5773CHO-CH9    | SS | v | v | v | v |
| Samsung   | 4GB | M378B5273DHO-CH9    | DS | v | v | v | v |
| Samsung   | 8GB | M378B1G73AHO        | DS | v | v | v | v |
| S-POWER   | 1GB | SP001GBLTU133S02    | SS | v |   | v |   |
| S-POWER   | 2GB | SP002GBLTU133V02    | DS | v | v | v | v |
| Transcend | 2GB | JM1333KLN-2G        | SS | v | v | v | v |
| Transcend | 4GB | JM1333KLN-4G        | DS | v | v | v | v |
| Team      | 2GB | TED32048M1333HC9    | DS | v | v | v | v |
| Winchip   | 1GB | GDF1GB68L150C9      | DS | v |   | v |   |
| Winchip   | 4GB | GDF4GB28L150C9-24GK | DS | v | v | v | v |

#### DDR3 1066

| Module Supplier | Size | Module P/N.       | SS/DS | DIMM Socket |        |        |        |
|-----------------|------|-------------------|-------|-------------|--------|--------|--------|
|                 |      |                   |       | DDR3_1      | DDR3_3 | DDR3_2 | DDR3_4 |
| elixir          | 2GB  | M2Y2G64CB8HC9N-BE | DS    | v           | v      | v      | v      |
| Kingston        | 1GB  | KVR1066D3N7/1G    | SS    | v           |        | v      |        |
| Kingston        | 2GB  | KVR1066D3N7/2G    | DS    | v           | v      | v      | v      |
| Kingston        | 4GB  | KVR1066D3N7/4G    | DS    | v           |        | v      |        |
| PATRIOT         | 1GB  | PSD31G106681      | SS    | v           |        | v      |        |
| Transcend       | 1GB  | TS128MLK64V1U     | SS    | v           |        | v      |        |