

## 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.

下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: H67MA-USB3-B3 DDR3 2400 (downgrade to DDR3 1333)

| Module Supplier | Size | Module P/N.         | SS/DS | Comp. Used | Component P/N. | Single-channel | Dual-channel |
|-----------------|------|---------------------|-------|------------|----------------|----------------|--------------|
| G.SKILL         | 2GB  | F3-19200CL9D-4GBPI5 | DS    |            |                | v              | v            |
| G.SKILL         | 2GB  | F3-19200CL8D-4GBPI5 | DS    |            |                | v              | v            |
| CORSAIR         | 2GB  | CMGTX1              | DS    |            |                | v              | v            |

Model Name: H67MA-USB3-B3 DDR3 2300-2333 (downgrade to DDR3 1333)

| Module Supplier | Size | Module P/N.         | SS/DS | Comp. Used | Component P/N. | Single-channel | Dual-channel |
|-----------------|------|---------------------|-------|------------|----------------|----------------|--------------|
| G.SKILL         | 2GB  | F3-18400CL8D-4GBPI5 | DS    |            |                | v              | v            |
| G.SKILL         | 2GB  | F3-18400CL8T-6GBPI5 | DS    |            |                | v              | v            |
| Kingston        | 1GB  | KHX2333C9D3T1K3/3GX | SS    |            |                | v              | v            |
| Kingston        | 2GB  | KHX2333C9D3T1K2/4GX | DS    |            |                | v              | v            |

Model Name: H67MA-USB3-B3 DDR3 2200-2250 (downgrade to DDR3 1333)

| Module Supplier | Size | Module P/N.         | SS/DS | Comp. Used | Component P/N. | Single-channel | Dual-channel |
|-----------------|------|---------------------|-------|------------|----------------|----------------|--------------|
| A-DATA          | 2GB  | AX3U2200GB2G9-DG2   | DS    |            |                | v              | v            |
| G.SKILL         | 2GB  | F3-17600CL7Q-8GBPI5 | DS    |            |                | v              | v            |
| GEIL            | 2GB  | GU38GB2200C9QC      | DS    |            |                | v              | v            |
| Kingston        | 2GB  | KHX2250C9D3T1K2/4GX | DS    |            |                | v              | v            |
| KingMax         | 2GB  | FLKE85F-B8KJAA-FEIS | DS    |            |                | v              | v            |

Model Name: H67MA-USB3-B3 DDR3 2133 (downgrade to DDR3 1333)

| Module Supplier | Size | Module P/N.          | SS/DS | Comp. Used | Component P/N. | Single-channel | Dual-channel |
|-----------------|------|----------------------|-------|------------|----------------|----------------|--------------|
| G.SKILL         | 2GB  | F3-17066CL9D-4GBTDS  | DS    |            |                | v              | v            |
| Kingston        | 2GB  | KHX2133C9AD3W1K2/4GX | DS    |            |                | v              | v            |

Model Name: H67MA-USB3-B3 DDR3 2000 (downgrade to DDR3 1333)

| Module Supplier | Size | Module P/N.          | SS/DS | Comp. Used | Component P/N. | Single-channel | Dual-channel |
|-----------------|------|----------------------|-------|------------|----------------|----------------|--------------|
| Apacer          | 1GB  | 78.0AGCQ.CBZ         | SS    |            |                | v              | v            |
| Apacer          | 2GB  | 78.AAGCA.CBZ         | DS    |            |                | v              | v            |
| Apacer          | 2GB  | 78.AAGD5.9KD         | DS    |            |                | v              | v            |
| CORSAIR         | 2GB  | CMG4GX3M2A2000C8     | DS    |            |                | v              | v            |
| CORSAIR         | 2GB  | CMT6GX3M3A2000C8     | DS    |            |                | v              | v            |
| CORSAIR         | 2GB  | CMX6GX3M3A2000C9     | DS    |            |                | v              | v            |
| Crucial         | 1GB  | BL12864BE2009.8SFB3  | SS    |            |                | v              | v            |
| GEIL            | 2GB  | GE34GB2000C9DC       | DS    |            |                | v              | v            |
| GEIL            | 2GB  | GB34GB2000C9DC       | DS    |            |                | v              | v            |
| G.SKILL         | 2GB  | F3-16000CL9T-6GBTD   | DS    |            |                | v              | v            |
| G.SKILL         | 2GB  | F3-16000CL6Q-8GBPI5  | DS    |            |                | v              | v            |
| G.SKILL         | 2GB  | F3-16000CL6T-6GBPI5  | DS    |            |                | v              | v            |
| G.SKILL         | 2GB  | F3-16000CL9D-4GBFLS  | DS    |            |                | v              | v            |
| G.SKILL         | 1GB  | F3-16000CL9T-3GBPI-B | SS    |            |                | v              | v            |
| STAREX          | 1GB  | STH100UD0814-2000A   | SS    |            |                | v              | v            |
| Team            | 1GB  | TXD32048M2000HC9     | SS    |            |                | v              | v            |
| PATRIOT         | 2GB  | PVT36G2000LLK        | DS    |            |                | v              | v            |
| PATRIOT         | 1GB  | PVS32G2000LLKN       | SS    |            |                | v              | v            |
| Kingston        | 1GB  | KHX2000C9AD3T1K3/3GX | SS    |            |                | v              | v            |
| Kingston        | 2GB  | KHX2000C9AD3T1K2/4GX | DS    |            |                | v              | v            |
| Kingston        | 2GB  | KHX2000C9AD3W1K2/4GX | DS    |            |                | v              | v            |
| Kingston        | 2GB  | KHX2000C9AD3W1K3/6GX | DS    |            |                | v              | v            |
| OCZ             | 2GB  | OCZ3P20004GK         | DS    |            |                | v              | v            |
| OCZ             | 4GB  | OCZ3P2000L8GK        | DS    |            |                | v              | v            |
| mushkin         | 2GB  | 996696es             | DS    |            |                | v              | v            |
| Winchip         | 2GB  | GDF2GB28L100C9       | DS    |            |                | v              | v            |

Model Name: H67MA-USB3-B3 DDR3 1866 (downgrade to DDR3 1333)

| Module Supplier | Size | Module P/N.         | SS/DS | Comp. Used | Component P/N. | Single-channel | Dual-channel |
|-----------------|------|---------------------|-------|------------|----------------|----------------|--------------|
| A-DATA          | 2GB  | AX3U1866PB2G8-2P    | DS    |            |                | v              | v            |
| CORSAIR         | 2GB  | CMT6GX3M3A1866C9    | DS    |            |                | v              | v            |
| G.SKILL         | 1GB  | F3-15000CL9D-4GBRH  | DS    |            |                | v              | v            |
| Kingston        | 1GB  | KHX1866C9D3T1K3/3GX | SS    |            |                | v              | v            |
| Kingston        | 2GB  | KHX1866C9D3T1K3/6GX | DS    |            |                | v              | v            |

Model Name: H67MA-USB3-B3 DDR3 1800 (downgrade to DDR3 1333)

| Module Supplier | Size | Module P/N.         | SS/DS | Comp. Used | Component P/N. | Single-channel | Dual-channel |
|-----------------|------|---------------------|-------|------------|----------------|----------------|--------------|
| G.SKILL         | 2GB  | F3-14400CL6D-4GBFLS | DS    |            |                | v              | v            |
| Kingston        | 2GB  | KHX1800C9D3T1K3/6GX | DS    |            |                | v              | v            |
| OCZ             | 2GB  | OCZ3N1800SR4GK      | DS    |            |                | v              | v            |
| Transcend       | 1GB  | TX1800KLU-2GK       | SS    |            |                | v              | v            |

Model Name: H67MA-USB3-B3 DDR3 1600 (downgrade to DDR3 1333)

| Module Supplier | Size | Module P/N.      | SS/DS | Comp. Used | Component P/N. | Single-channel | Dual-channel |
|-----------------|------|------------------|-------|------------|----------------|----------------|--------------|
| A-DATA          | 2GB  | AX3U1600GB2G9-2G | DS    |            |                | v              | v            |
| A-DATA          | 4GB  | AX3U1600GC4G9-2G | DS    |            |                | v              | v            |
| A-DATA          | 1GB  | AX3U1600PB1G8-2P | SS    |            |                | v              | v            |
| CORSAIR         | 1GB  | TR3X3G1600C8D    | SS    |            |                | v              | v            |
| CORSAIR         | 2GB  | CMD4GX3M2B1600C8 | DS    |            |                | v              | v            |
| CORSAIR         | 2GB  | CMD8GX3M4A1600C8 | DS    |            |                | v              | v            |
| CORSAIR         | 2GB  | HX3X12G1600C9    | DS    |            |                | v              | v            |
| CORSAIR         | 2GB  | CMP4GX3M2A1600C8 | DS    |            |                | v              | v            |
| CORSAIR         | 2GB  | CMX6GX3M3A1600C9 | DS    |            |                | v              | v            |

|          |     |                      |    |          |                |  |   |   |
|----------|-----|----------------------|----|----------|----------------|--|---|---|
| elixir   | 2GB | M2Y2G64CB8HA9N-DG    | DS |          |                |  | v | v |
| GEIL     | 2GB | GET34GB1600C7DC      | DS |          |                |  | v | v |
| GEIL     | 2GB | GET38GB1600C9QC      | DS |          |                |  | v | v |
| GEIL     | 2GB | GET312GB1600C9HC     | DS |          |                |  | v | v |
| G.SKILL  | 2GB | F3-12800CL7D-4GBECO  | DS |          |                |  | v | v |
| G.SKILL  | 4GB | F3-12800CL8D-8GBECO  | DS |          |                |  | v | v |
| G.SKILL  | 4GB | F3-12800CL9D-8GBRL   | DS |          |                |  | v | v |
| G.SKILL  | 4GB | F3-12800CL7D-8GBRH   | DS |          |                |  | v | v |
| Kingston | 2GB | KHX1600C9D3K3/6GX    | DS |          |                |  | v | v |
| Kingston | 2GB | KHX1600C9D3LK2/4GX   | DS |          |                |  | v | v |
| Kingston | 2GB | KHX1600C7D3K2/4GX    | DS |          |                |  | v | v |
| Kingston | 2GB | KHX1600C9D3T1K3/6GX  | DS |          |                |  | v | v |
| Kingston | 2GB | KVR1600D3N11/2G      | DS | Kingston | D1288JPNDPLD9U |  | v | v |
| Kingston | 2GB | KHX1600C11D3B1K2/4GX | DS |          |                |  | v | v |
| Kingston | 4GB | KHX1600C9D3K3/12GX   | DS |          |                |  | v | v |
| KingMax  | 1GB | FLGD45F-B8KG9        | SS | KingMax  | KFB8FNGXF-ANX  |  | v | v |
| KingMax  | 2GB | FLGE85F-B8KG9        | DS | KingMax  | KFB8FNGXF-ANX  |  | v | v |
| OCZ      | 2GB | OCZ3G1600LV6GK       | DS |          |                |  | v | v |
| OCZ      | 2GB | OCZ3P1600C9ELV6GK    | DS |          |                |  | v | v |
| OCZ      | 2GB | OCZ3X1600R2LV6GK     | DS |          |                |  | v | v |
| mushkin  | 2GB | 995659               | DS |          |                |  | v | v |
| PATRIOT  | 1GB | PVT33G1600ELK        | SS |          |                |  | v | v |
| PATRIOT  | 2GB | PGS34G1600LLKA       | DS |          |                |  | v | v |
| SUPER    | 2GB | WP160UX4G8           | DS |          |                |  | v | v |
| SUPER    | 2GB | WP160UX4G9           | DS |          |                |  | v | v |
| Team     | 2GB | TXD36144M1600HC8TC-D | DS |          |                |  | v | v |
| Team     | 2GB | TXD32048M1600HC8-D   | DS |          |                |  | v | v |
| Winchip  | 1GB | GDF1GB18L150C9       | SS |          |                |  | v | v |
| Winchip  | 2GB | GDF2GB18L125C8-6GK   | DS |          |                |  | v | v |

Model Name: H67MA-USB3-B3 DDR3 1333

| Module Supplier | Size  | Module P/N.             | SS/DS | Comp. Used | Component P/N.     | Single-channel | Dual-channel |
|-----------------|-------|-------------------------|-------|------------|--------------------|----------------|--------------|
| A-DATA          | 1GB   | SU3U1333B1G9-B          | SS    | Hynix      | H5TQ1G83TFR H9C    | v              | v            |
| A-DATA          | 4GB   | SU3U1333C4G9-B          | DS    | Hynix      | H5TQ2G83AFR H9C    | v              | v            |
| Apacer          | 2GB   | 78.A1GC6.9L1            | DS    | Apacer     | AM5D5808FEQSBG     | v              | v            |
| CORSAIR         | 2GB   | CMX8GX3M4A1333C9        | DS    |            |                    | v              | v            |
| CORSAIR         | 2GB   | CMV4GX3M2A1333C9        | SS    |            |                    | v              | v            |
| CORSAIR         | 2GB   | CMX6GX3M3A1333C9        | DS    |            |                    | v              | v            |
| CORSAIR         | 2GB   | CMX6GX3M3A1333C8        | DS    |            |                    | v              | v            |
| Crucial         | 1GB   | CT12864BA1339.8FF       | SS    | Micron     | 9AF22D9KPT         | v              | v            |
| COS             | 2GB   | EXME02G-DD3N-1333D90-F1 | DS    |            |                    | v              | v            |
| elixir          | 2GB   | M2F2G64CB88B7N-CG       | SS    | elixir     | N2CB2G80BN-CG      | v              | v            |
| elixir          | 4GB   | M2F4G64CB88B5N-CG       | DS    | elixir     | N2CB2G80BN-CG      | v              | v            |
| G.SKILL         | 4GB   | F3-10666CL9D-8GBRL      | DS    |            |                    | v              | v            |
| G.SKILL         | 4GB   | F3-10666CL7D-8GBRH      | DS    |            |                    | v              | v            |
| Hynix           | 2GB   | HMT325U6BFR8C-H9        | SS    | Hynix      | H5TQ2G83BFR H9C    | v              | v            |
| Hynix           | 4GB   | HMT351U6BFR8C-H9        | DS    | Hynix      | H5TQ2G83BFR H9C    | v              | v            |
| Kingston        | 2GB   | KHX1333C9D3UK2/4GX      | DS    |            |                    | v              | v            |
| KingMax         | 2GB   | FLFE85F-C8KM9           | SS    | KingMax    | KFC8FNMXF-BXX-15A  | v              | v            |
| KingMax         | 4GB   | FLFF65F-C8KM9           | DS    | KingMax    | KFC8FNMXF-BXX-15A  | v              | v            |
| Micron          | 2GB   | MT16JTF25664AY          | DS    | Micron     | 8HD22D9JNM         | v              | v            |
| OCZ             | 1GB   | OCZ3P1332GK             | DS    |            |                    | v              | v            |
| OCZ             | 2GB   | OCZ3P1333LV4GK          | DS    |            |                    | v              | v            |
| OCZ             | 2GB   | OCZ3P1333LV6GK          | DS    |            |                    | v              | v            |
| OCZ             | 2GB   | OCZ3V1333LV6GK          | DS    |            |                    | v              | v            |
| OCZ             | 2GB   | OCZ3P1333C9ELV4GK       | DS    |            |                    | v              | v            |
| OCZ             | 4GB   | OCZ3G1333LV8GK          | DS    |            |                    | v              | v            |
| PSC             | 1GB   | AL7F8G73D-DG1           | SS    | PSC        | A3P1GF3DGF928M9B05 | v              | v            |
| PSC             | 2GB   | AL8F8G73D-DG1           | DS    | PSC        | A3P1GF3DGF928M9B05 | v              | v            |
| Samsung         | 1GB   | M378B2873FHS-CH9        | SS    | Samsung    | K4B1G0846F HCH9    | v              | v            |
| Samsung         | 2GB   | M378B5673FHO-CH9        | DS    | Samsung    | K4B1G0846F HCH9    | v              | v            |
| Samsung         | 4GB   | M378B5273CHO-CH9        | DS    | Samsung    | K4B2G0846C HCH9    | v              | v            |
| S-POWER         | 1GB   | SP001GBLTU133S02        | SS    | S-POWER    | 10YT3N0 0919       | v              | v            |
| S-POWER         | 2GB   | SP002GBLTU133S02        | DS    | S-POWER    | 10YT3N0 0919       | v              | v            |
| PATRIOT         | 2GB   | PGS34G1333LLKA          | DS    |            |                    | v              | v            |
| Transcend       | 2GB   | TS256MLK64V3U           | DS    | Micron     | 9ND22 D9JNM        | v              | v            |
| Transcend       | 2GB   | TS256MLK64V3U           | DS    | Hynix      | H5TQ1G83AFP H9C    | v              | v            |
| Transcend       | 2GB   | JM1333KLU-2G            | DS    | Transcend  | TK243EAF3          | v              | v            |
| TwinMOS         | 512MB | 8HCBJU-ED               | SS    | Elpida     | J5308BASE-DG-E     | v              | v            |
| Team            | 2GB   | TED32048M1333HC9        | DS    |            |                    | v              | v            |
| Winchip         | 1GB   | GDF1GB68L150C9          | DS    | Winchip    | AH1648EES-13K      | v              | v            |

Model Name: H67MA-USB3-B3 DDR3 1066

| Module Supplier | Size  | Module P/N.        | SS/DS | Comp. Used | Component P/N.  | Single-channel | Dual-channel |
|-----------------|-------|--------------------|-------|------------|-----------------|----------------|--------------|
| BUFFALO         | 512MB | D3U1066-S512       | SS    | Elpida     | J5308AASE-AC-E  | v              | v            |
| elixir          | 2GB   | M2Y2G64CB8HC9N-BE  | DS    |            |                 | v              | v            |
| Hynix           | 2GB   | HMT125U6AFP8C-G7N0 | SS    | Hynix      | H5TQ1G83AFP     | v              | v            |
| Kingston        | 1GB   | KVR1066D3N71G      | DS    | Kingston   | D1288JEKAPGA7U  | v              | v            |
| Kingston        | 2GB   | KVR1066D3N7/2G     | DS    | Kingston   | D1288JEKAPGA7U  | v              | v            |
| Kingston        | 4GB   | KVR1066D3N7/4G     | DS    | Samsung    | K4B2G0846B HCF8 | v              | v            |
| PATRIOT         | 1GB   | PSD31G106681       | SS    | Micron     | 7GB12 Z9HWQ     | v              | v            |
| Samsung         | 4GB   | M378B5273BH1-CF8   | DS    | Samsung    | K4B2G0846B HCF8 | v              | v            |
| Transcend       | 1GB   | TS128MLK64V1U      | SS    | Samsung    | K4B1G0846D HCF8 | v              | v            |