

Qualified Vendors List (QVL), Model Name: X570 AORUS PRO

| Speed | Module Supplier | Density | # of Banks | Module P.N.                    | SS/DS | Chip Brand | Chip P.N.       | Timing      | Voltage | Memory socket support |   | XMP | Native | ECC |
|-------|-----------------|---------|------------|--------------------------------|-------|------------|-----------------|-------------|---------|-----------------------|---|-----|--------|-----|
|       |                 |         |            |                                |       |            |                 |             |         | 2                     | 4 |     |        |     |
| 3600  | AORUS           | 8GB     | 1Rx8       | GP-AR36C18S8K2HU416R           | SS    | Hynix      |                 | 18-19-19-39 | 1.35v   | V                     |   | v   | 2666   |     |
| 3600  | CORSAIR         | 8GB     | 1Rx8       | CMK32GX4M4B3600C18 ver4.31     | SS    | Samsung    |                 | 18-19-19-39 | 1.35v   | V                     |   | v   | 2133   |     |
| 3600  | CORSAIR         | 8GB     | 1Rx8       | CMK32GX4M4B3600C18R ver4.31    | SS    | Samsung    |                 | 18-19-19-39 | 1.35v   | V                     |   | v   | 2133   |     |
| 3600  | CORSAIR         | 8GB     | 1Rx8       | CMK32GX4M4D3600C18 ver3.31     | SS    | Samsung    |                 | 18-22-22-42 | 1.35v   | V                     |   | v   | 2133   |     |
| 3600  | CORSAIR         | 8GB     | 1Rx8       | CMT16GX4M2C3600C18 ver4.31     | SS    | Samsung    |                 | 18-19-19-39 | 1.35v   | V                     |   | v   | 2133   |     |
| 3600  | CORSAIR         | 8GB     | 1Rx8       | CMK16GX4M2Z3600C18 ver3.31     | SS    | Micron     |                 | 18-22-22-42 | 1.35v   | V                     |   | v   | 2133   |     |
| 3600  | CORSAIR         | 8GB     | 1Rx8       | CMW16GX4M2Z3600C18 ver3.31     | SS    | Micron     |                 | 18-22-22-42 | 1.35v   | V                     |   | v   | 2133   |     |
| 3600  | G.SKILL         | 8GB     | 1Rx8       | F4-3600C17Q-32GVK              | SS    |            |                 | 17-18-18-38 | 1.35v   | V                     |   | v   | 2133   |     |
| 3600  | G.SKILL         | 8GB     | 1Rx8       | F4-3600C18D-16GTZR             | SS    |            |                 | 18-22-22-42 | 1.35v   | V                     |   | v   | 2133   |     |
| 3600  | G.SKILL         | 8GB     | 1Rx8       | F4-3600C16Q-32GTZNC            | SS    |            |                 | 16-19-19-39 | 1.35v   | V                     |   | v   | 2133   |     |
| 3600  | HyperX          | 8GB     | 1Rx8       | HX436C17PB4/8                  | SS    | Hynix      |                 | 17-19-19    | 1.35v   | V                     |   | v   | 2400   |     |
| 3600  | HyperX          | 8GB     | 1Rx8       | HX436C17PB4K2/16               | SS    | Hynix      |                 | 17-19-19    | 1.35v   | V                     |   | v   | 2400   |     |
| 3600  | HyperX          | 8GB     | 1Rx8       | HX436C17PB4K4/32               | SS    | Hynix      |                 | 17-19-19    | 1.35v   | V                     |   | v   | 2400   |     |
| 3600  | HyperX          | 8GB     | 1Rx8       | HX436C17PB4A/8                 | SS    | Hynix      |                 | 17-19-19    | 1.35v   | V                     |   | v   | 2400   |     |
| 3600  | HyperX          | 8GB     | 1Rx8       | HX436C17PB4AK2/16              | SS    | Hynix      |                 | 17-19-19    | 1.35v   | V                     |   | v   | 2400   |     |
| 3600  | HyperX          | 8GB     | 1Rx8       | HX436C17PB4AK4/32              | SS    | Hynix      |                 | 17-19-19    | 1.35v   | V                     |   | v   | 2400   |     |
| 3600  | BALLISTIX       | 8GB     | 1Rx8       | BLE8G4D36BEEAK.M8FE1           | SS    | Micron     |                 | 16-18-18-38 | 1.35v   | V                     |   | v   | 2400   |     |
| 3600  | CRUCIAL         | 8GB     | 1Rx8       | BLS8G4D36BESBK.8FE             | SS    | Micron     |                 | 16-18-18-38 | 1.35v   | V                     |   | v   | 2400   |     |
| 3600  | Thermaltake     | 8GB     | 1Rx8       | R009D408GX2-3600C18A Ver 1.1.2 | SS    | Hynix      | H5AN8G8NCJR-VKC | 18-22-22-42 | 1.35v   | V                     |   | v   | 2666   |     |
| 3400  | CORSAIR         | 4GB     | 1Rx8       | CMK16GX4M4B3400C16 ver 4.24    | SS    | Samsung    |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 2133   |     |
| 3400  | G.SKILL         | 8GB     | 1Rx8       | F4-3400C16Q2-64GTZ             | SS    | Samsung    |                 | 16-18-18-38 | 1.35v   | V                     |   | v   | 2133   |     |
| 3466  | G.SKILL         | 8GB     | 1Rx8       | F4-3466C16Q2-64GTZ             | SS    | Samsung    |                 | 16-18-18-38 | 1.35v   | V                     |   | v   | 2133   |     |
| 3466  | HyperX          | 8GB     | 1Rx8       | HX434C16FB3AK4/32              | SS    | Samsung    |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 3000   |     |
| 3466  | HyperX          | 8GB     | 1Rx8       | HX434C16FB3AK2/16              | SS    | Samsung    |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 3000   |     |
| 3466  | HyperX          | 8GB     | 1Rx8       | HX434C16FB3A/8                 | SS    | Samsung    |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 3000   |     |
| 3466  | HyperX          | 8GB     | 1Rx8       | HX434C16FB3K4/32               | SS    | Samsung    |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 3000   |     |
| 3466  | HyperX          | 8GB     | 1Rx8       | HX434C16FB3K2/16               | SS    | Samsung    |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 3000   |     |
| 3466  | HyperX          | 8GB     | 1Rx8       | HX434C16FB3/8                  | SS    | Samsung    |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 3000   |     |
| 3466  | KLEVV           | 8GB     | 1Rx8       | KD48GU880-34A170X              | SS    |            |                 | 17-19-19-39 | 1.35v   | V                     |   | v   | 2666   |     |
| 3400  | PATRIOT         | 8GB     | 1Rx8       | PV416G340C6K                   | SS    |            |                 | CL16        | 1.35v   | V                     |   | v   | 2133   |     |
| 3300  | HyperX          | 8GB     | 1Rx8       | HX433C16PB3K2/16               | SS    |            |                 | 16-18-18    | 1.35v   | V                     |   | v   | 2133   |     |
| 3300  | HyperX          | 16GB    | 2Rx8       | HX433C16PB3/16                 | DS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 2400   |     |
| 3300  | HyperX          | 16GB    | 2Rx8       | HX433C16PB3K2/32               | DS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 2400   |     |
| 3300  | HyperX          | 16GB    | 2Rx8       | HX433C16PB3K4/64               | DS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 2400   |     |
| 3300  | G.SKILL         | 8GB     | 1Rx8       | F4-3300C16Q2-64GTZSW           | SS    | Samsung    |                 | 16-16-16-36 | 1.35v   | V                     |   | v   | 2133   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3K4/32               | SS    | Hynix      |                 | 16-18-18    | 1.35v   | V                     |   | v   | 2133   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3K2/16               | SS    | Hynix      |                 | 16-18-18    | 1.35v   | V                     |   | v   | 2133   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3A/8                 | SS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3AK2/16              | SS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3AK4/32              | SS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3AK2/16              | SS    | Hynix      |                 | 16-18-18    | 1.35v   | V                     | V | v   | 2666   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3A/8                 | SS    | Hynix      |                 | 16-18-18    | 1.35v   | V                     | V | v   | 2666   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3K4/32               | SS    | Hynix      |                 | 16-18-18    | 1.35v   | V                     | V | v   | 2666   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3K2/16               | SS    | Hynix      |                 | 16-18-18    | 1.35v   | V                     | V | v   | 2666   |     |
| 3200  | HyperX          | 8GB     | 1Rx8       | HX432C16PB3/8                  | SS    | Hynix      |                 | 16-18-18    | 1.35v   | V                     | V | v   | 2666   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3/16                 | DS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3K2/32               | DS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3K4/64               | DS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3AK4/64              | DS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3AK2/32              | DS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3/8                  | DS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3AK4/64              | DS    | Micron     |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3A/16                | DS    | Micron     |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3K4/64               | DS    | Micron     |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3K2/32               | DS    | Micron     |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | HyperX          | 16GB    | 2Rx8       | HX432C16PB3/16                 | DS    | Micron     |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2400   |     |
| 3200  | Kingston        | 4GB     | 1Rx8       | KVR32N22S6/4                   | SS    | Micron     |                 | 22-22-22-52 | 1.2v    | V                     | V | v   | 3200   |     |
| 3200  | Kingston        | 8GB     | 1Rx8       | KVR32N22S8/8                   | SS    | Micron     |                 | 22-22-22-52 | 1.2v    | V                     | V | v   | 3200   |     |
| 3200  | Kingston        | 16GB    | 2Rx8       | KVR32N22D8/16                  | DS    | Micron     |                 | 22-22-22-52 | 1.2v    | V                     | V | v   | 3200   |     |
| 3200  | CORSAIR         | 4GB     | 1Rx8       | CMK16GX4M4C3200C16             | SS    |            |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 4GB     | 1Rx8       | CMK16GX4M4C3200C16R            | SS    |            |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 8GB     | 1Rx8       | CMK64GX4M8B3200C16             | SS    |            |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 8GB     | 1Rx8       | CMW32GX4M4C3200C16 ver5.32     | SS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 8GB     | 1Rx8       | CMT32GX4M4C3200C16 ver4.31     | SS    | Samsung    |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 8GB     | 1Rx8       | CMT32GX4M4Z3200C16 ver5.32     | SS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 8GB     | 1Rx8       | CMK16GX4M2Z3200C16 ver4.31     | SS    | Samsung    |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 16GB    | 2Rx8       | CMK32GX4M2B3200C16             | DS    |            |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 16GB    | 2Rx8       | CMK32GX4M2B3200C16R            | DS    |            |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 16GB    | 2Rx8       | CMK32GX4M2B3200C16W            | DS    |            |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 16GB    | 2Rx8       | CMK64GX4M4B3200C16             | DS    |            |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 16GB    | 2Rx8       | CMW32GX4M2Z3200C16 ver3.31     | DS    | Micron     |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | CORSAIR         | 16GB    | 2Rx8       | CMK32GX4M2Z3200C16 ver3.31     | DS    | Micron     |                 | 16-18-18-36 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | G.SKILL         | 8GB     | 2Rx8       | F4-3200C16D-16GVKB             | DS    |            |                 | 16-18-18-38 | 1.35v   | V                     |   | v   | 2133   |     |
| 3200  | G.SKILL         | 8GB     | 1Rx8       | F4-3200C14Q2-64GVK             | SS    | Samsung    |                 | 14-14-14-34 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | G.SKILL         | 8GB     | 1Rx8       | F4-3200C15Q2-64GVR             | SS    | Samsung    |                 | 15-15-15-35 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | G.SKILL         | 8GB     | 1Rx8       | F4-3200C14Q-32GFX              | SS    |            |                 | 14-14-14-34 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | G.SKILL         | 16GB    | 2Rx8       | F4-3200C16Q-64GVK              | DS    | Samsung    |                 | 16-18-18-38 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | G.SKILL         | 16GB    | 2Rx8       | F4-3200C14Q-64GVK              | DS    | Samsung    |                 | 14-14-14-34 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | AORUS           | 8GB     | 1Rx8       | GP-AR32C16S8K2SU416R           | SS    | Samsung    |                 | 16-18-18-38 | 1.35v   | V                     | V | v   | 2133   |     |
| 3200  | AORUS           | 8GB     | 1Rx8       | GP-AR32C16S8K2HU416R           | SS    | Hynix      |                 | 16-18-18-38 | 1.35v   | V                     | V | v   | 2666   |     |
| 3200  | ADATA           | 8GB     | 1Rx8       | AX4U320038G16-BR80             | SS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 2666   |     |
| 3200  | ADATA           | 8GB     | 1Rx8       | AX4U320038G16-SR80             | SS    | Hynix      |                 | 16-18-18-36 | 1.35v   | V                     |   | v   | 2666   |     |

|      |             |      |      |                                  |    |         |                 |             |       |   |   |   |      |
|------|-------------|------|------|----------------------------------|----|---------|-----------------|-------------|-------|---|---|---|------|
| 3200 | ADATA       | 8GB  | 1Rx8 | AX4U320038G16-DR80               | SS | Hynix   |                 | 16-18-18-36 | 1.35v | V |   | v | 2666 |
| 3200 | ADATA       | 8GB  | 1Rx8 | AX4U320038G16-QR80               | SS | Hynix   |                 | 16-18-18-36 | 1.35v | V |   | v | 2666 |
| 3200 | Apacer      | 8GB  | 1Rx8 | AH4U08G32C08YNBAA                | SS | Hynix   |                 | 16-18-18-38 | 1.35v | V |   | v | 2133 |
| 3200 | BALLISTIX   | 8GB  | 1Rx8 | BLT8G4D32AET4K.M8FE1             | SS | Micron  |                 | 16-18-18-36 | 1.35v | V | V | v | 2400 |
| 3200 | CRUCIAL     | 4GB  | 1Rx8 | CT4G4DFS632A.4FJ1                | SS | Micron  |                 | 22-22-22-52 | 1.2v  | V | V | v | 3200 |
| 3200 | CRUCIAL     | 8GB  | 1Rx8 | BLS8G4D32AESBK.8FE               | SS | Micron  |                 | 16-18-18-38 | 1.35v | V | V | v | 2400 |
| 3200 | CRUCIAL     | 8GB  | 1Rx8 | CT8G4DFS832A.8FE1                | SS | Micron  |                 | 22-22-22-52 | 1.2v  | V | V | v | 3200 |
| 3200 | CRUCIAL     | 16GB | 2Rx8 | BLS16G4D32AESB.M16FE             | DS | Micron  |                 | 16-18-18-36 | 1.35v | V | V | v | 2400 |
| 3200 | CRUCIAL     | 16GB | 2Rx8 | CT16G4DFD832A.16FE1              | DS | Micron  |                 | 22-22-22-52 | 1.2v  | V | V | v | 3200 |
| 3200 | PATRIOT     | 4GB  | 1Rx8 | PV48G320C6K                      | SS |         |                 | CL16        | 1.35v | V | V | v | 2133 |
| 3200 | PATRIOT     | 8GB  | 1Rx8 | PV416G320C6K                     | SS |         |                 | CL16        | 1.35v | V | V | v | 2133 |
| 3200 | PATRIOT     | 8GB  | 1Rx8 | PVR416G320C6K                    | SS |         |                 | 16-18-18-36 | 1.35v | V |   | v | 2133 |
| 3200 | PATRIOT     | 8GB  | 1Rx8 | PVR416G320C6KW                   | SS |         |                 | 16-18-18-36 | 1.35v | V |   | v | 2133 |
| 3200 | KLEVV       | 8GB  | 1Rx8 | KD48GU880-32A160T                | SS |         |                 | 16-18-18-38 | 1.35v | V | V | v | 2666 |
| 3200 | Thermaltake | 8GB  | 1Rx8 | CL-W252-CA00SW-A                 | SS | Hynix   |                 | 16-18-18-38 | 1.35v | V | V | v | 2666 |
| 3200 | Thermaltake | 8GB  | 1Rx8 | R009D408GX2-3200C16A Ver 1.1.2   | SS | Hynix   | H5AN8G8NCJR-VKC | 16-18-18-38 | 1.35v | V | V | v | 2666 |
| 3200 | Thermaltake | 8GB  | 1Rx8 | R009D408GX2-3200C16A Ver:1.1.3   | SS | Hynix   | H5AN8G8NCJR-VKC | 16-18-18-36 | 1.35v | V |   | v | 2666 |
| 3200 | Neo Forza   | 8GB  | 1Rx8 | NMUD480E81-3200DD30              | SS | Hynix   |                 | 16-18-18-16 | 1.35v | V |   | v | 2133 |
| 3200 | Neo Forza   | 8GB  | 1Rx8 | NMUD480E81-3200DA30              | SS | Hynix   |                 | 16-18-18-16 | 1.35v | V |   | v | 2133 |
| 3200 | Neo Forza   | 8GB  | 1Rx8 | NMUD480E81-3200DB30              | SS | Hynix   |                 | 16-18-18-16 | 1.35v | V |   | v | 2133 |
| 3200 | Neo Forza   | 8GB  | 1Rx8 | NMUD480E81-3200DC30              | SS | Hynix   |                 | 16-18-18-16 | 1.35v | V |   | v | 2133 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-BR80               | SS |         |                 | 16-18-18-36 | 1.35v | V |   | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-SR80               | SS |         |                 | 16-18-18-36 | 1.35v | V |   | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-DR80               | SS |         |                 | 16-18-18-36 | 1.35v | V |   | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-QR80               | SS |         |                 | 16-18-18-36 | 1.35v | V |   | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-BRZ1               | SS | SPECTEK |                 | 16-18-18-38 | 1.35v | V |   | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-SRZ1               | SS | SPECTEK |                 | 16-18-18-38 | 1.35v | V |   | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-DRZ1               | SS | SPECTEK |                 | 16-18-18-38 | 1.35v | V |   | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-QRZ1               | SS | SPECTEK |                 | 16-18-18-38 | 1.35v | V |   | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-BRZ1               | SS | SPECTEK |                 | 16-18-18-36 | 1.35v | V | V | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-SRZ1               | SS | SPECTEK |                 | 16-18-18-36 | 1.35v | V | V | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-DRZ1               | SS | SPECTEK |                 | 16-18-18-36 | 1.35v | V | V | v | 2666 |
| 3000 | ADATA       | 8GB  | 1Rx8 | AX4U300038G16-QRZ1               | SS | SPECTEK |                 | 16-18-18-36 | 1.35v | V | V | v | 2666 |
| 3000 | Apacer      | 8GB  | 1Rx8 | AHU08GGB30CDU7V                  | SS |         |                 | 16-16-16-36 | 1.35v | V |   | v | 2133 |
| 3000 | Apacer      | 8GB  | 1Rx8 | AHU08GGB30CKU8R (EK.16GAZ.GJDK2) | SS |         |                 | 16-18-18-38 | 1.35v | V |   | v | 2400 |
| 3000 | CORSAIR     | 16GB | 2Rx8 | CMK128GX4M8B3000C16              | DS |         |                 | 16-18-18-36 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 16GB | 2Rx8 | CMR32GX4M2C3000C15 ver4.31       | DS | Samsung |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMK16GX4M2B3000C15 ver3.32       | SS | Micron  |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMK16GX4M2C3000C16 ver3.31       | SS | Micron  |                 | 16-18-18-36 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMR16GX4M2C3000C15 ver5.30       | SS | Hynix   |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMW32GX4M4C3000C15 ver5.32       | SS | Hynix   |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMW64GX4M8C3000C15 ver5.32       | SS | Hynix   |                 | 15-17-17-35 | 1.35v | V | V | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMT32GX4M4C3000C15 ver5.32       | SS | Hynix   |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMK16GX4M2B3000C15 ver5.30       | SS | Hynix   |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMK16GX4M2B3000C15B ver5.30      | SS | Hynix   |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMK16GX4M2B3000C15R ver5.30      | SS | Hynix   |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 1Rx8 | CMK16GX4M2B3000C15W ver5.30      | SS | Hynix   |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 8GB  | 2Rx8 | CM4X8GC3000C15K4-CN ver4.24      | DS | Samsung |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CORSAIR     | 32GB | 2Rx8 | CMK64GX4M2D3000C16 ver3.40       | DS | Micron  |                 | 16-20-20-38 | 1.2v  | V |   | v | 2133 |
| 3000 | CORSAIR     | 32GB | 2Rx8 | CMK64GX4M2C3000C15 ver 5.49      | DS | Hynix   |                 | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | CRUCIAL     | 16GB | 2Rx8 | BLT16G4D30BETA.C16FD             | DS | Micron  |                 | 16-18-18-38 | 1.35v | V |   | v | 2400 |
| 3000 | G.SKILL     | 16GB | 2Rx8 | F4-3000C14Q2-128GVKD             | DS |         |                 | 14-14-14-34 | 1.35v | V | V | v | 2133 |
| 3000 | G.SKILL     | 8GB  | 1Rx8 | F4-3000C15Q2-64GVR               | SS |         |                 | 15-15-15-35 | 1.35v | V |   | v | 2133 |
| 3000 | G.SKILL     | 8GB  | 1Rx8 | F4-3000C16D-16GTZR               | SS |         |                 | 16-18-18-38 | 1.35v | V |   | v | 2133 |
| 3000 | GEIL        | 8GB  | 2Rx8 | GLS432GB3000C16ADC               | DS |         |                 | 16-18-18-36 | 1.35v | V |   | v | 2133 |
| 3000 | GEIL        | 8GB  | 2Rx8 | GLS464GB3000C16AQC               | DS |         |                 | 16-18-18-36 | 1.35v | V |   | v | 2133 |
| 3000 | GEIL        | 8GB  | 2Rx8 | GSB416GB3000C16ADC               | DS |         |                 | 16-18-18-36 | 1.35v | V | V | v | 2133 |
| 3000 | GEIL        | 8GB  | 2Rx8 | GSB432GB3000C16AQC               | DS |         |                 | 16-18-18-36 | 1.35v | V | V | v | 2133 |
| 3000 | GALAX       | 8GB  | 2Rx8 | Gamer II RGB DDR4 3000 16G(8G*2) | DS |         |                 | 16-18-18-38 | 1.35v | V |   | v | 2133 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15PB3K4/64                 | DS | Hynix   |                 | C15         | 1.35v | V | V | v | 2133 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15PB3K2/32                 | DS | Hynix   |                 | C15         | 1.35v | V | V | v | 2133 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15PB3AK4/64                | DS | Hynix   |                 | 15-17-17-36 | 1.35v | V | V | v | 2400 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15PB3AK2/32                | DS | Hynix   |                 | 15-17-17-36 | 1.35v | V | V | v | 2400 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15PB3A1/16                 | DS | Hynix   |                 | 15-17-17-36 | 1.35v | V | V | v | 2400 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15FB3AK4/64                | DS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2666 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15FB3AK2/32                | DS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2666 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15FB3A1/16                 | DS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2666 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15FB3K4/64                 | DS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2666 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15FB3K2/32                 | DS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2666 |
| 3000 | HyperX      | 16GB | 2Rx8 | HX430C15FB3/16                   | DS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2666 |
| 3000 | HyperX      | 4GB  | 1Rx8 | HX430C15FB3K4/16                 | SS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2133 |
| 3000 | HyperX      | 4GB  | 1Rx8 | HX430C15FB3K2/8                  | SS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2133 |
| 3000 | HyperX      | 4GB  | 1Rx8 | HX430C15FB3/4                    | SS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2133 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15PB3K4/32                 | SS | Hynix   |                 | C15         | 1.35v | V |   | v | 2133 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15PB3K2/16                 | SS | Hynix   |                 | C15         | 1.35v | V |   | v | 2133 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15PB3/8                    | SS | Hynix   |                 | C15         | 1.35v | V |   | v | 2133 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15PB3AK4/32                | SS | Hynix   |                 | 15-17-17-36 | 1.35v | V | V | v | 2400 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15PB3AK2/16                | SS | Hynix   |                 | 15-17-17-36 | 1.35v | V | V | v | 2400 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15PB3A/8                   | SS | Hynix   |                 | 15-17-17-36 | 1.35v | V | V | v | 2400 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15FB3K4/32                 | SS | Hynix   |                 | 15-17-17-36 | 1.35v | V | V | v | 2400 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15FB3K2/16                 | SS | Hynix   |                 | 15-17-17-36 | 1.35v | V | V | v | 2400 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15FB3/8                    | SS | Hynix   |                 | 15-17-17-36 | 1.35v | V | V | v | 2400 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15FB3AK4/32                | SS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2666 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15FB3AK2/16                | SS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2666 |
| 3000 | HyperX      | 8GB  | 1Rx8 | HX430C15FB3A/8                   | SS | Hynix   |                 | 15-17-17    | 1.35v | V | V | v | 2666 |
| 3000 | KLEVV       | 16GB | 2Rx8 | KM4Z16X1A-3000-15-16-16-36-0     | DS |         |                 | 15-16-16-36 | 1.35v | V |   | v | 2400 |
| 3000 | KLEVV       | 4GB  | 1Rx8 | KM4Z4GX1A-3000-15-16-16-36-1     | SS |         |                 | 15-16-16-36 | 1.35v | V |   | v | 2400 |

|      |             |      |       |                                |    |         |                 |  |             |       |   |   |   |      |
|------|-------------|------|-------|--------------------------------|----|---------|-----------------|--|-------------|-------|---|---|---|------|
| 3000 | KLEVV       | 8GB  | 1Rx8  | KM4B8GX1A-3000-15-16-16-36-0   | SS |         |                 |  | 15-16-16-36 | 1.35v | V |   | v | 2400 |
| 3000 | KLEVV       | 8GB  | 1Rx8  | KM4Z8GX1A-3000-15-16-16-36-1   | SS |         |                 |  | 15-16-16-36 | 1.35v | V | V | v | 2400 |
| 3000 | Neo Forza   | 8GB  | 1Rx8  | NMUD480E82-3000DC30            | SS | Hynix   |                 |  | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | Neo Forza   | 8GB  | 1Rx8  | NMUD480E82-3000DA30            | SS | Hynix   |                 |  | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | Neo Forza   | 8GB  | 1Rx8  | NMUD480E82-3000DB30            | SS | Hynix   |                 |  | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | Neo Forza   | 8GB  | 1Rx8  | NMUD480E82-3000DD30            | SS | Hynix   |                 |  | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | Neo Forza   | 8GB  | 1Rx8  | NMUD480E81-3000DC30            | SS | Hynix   |                 |  | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | Neo Forza   | 8GB  | 1Rx8  | NMUD480E81-3000DA30            | SS | Hynix   |                 |  | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | Neo Forza   | 8GB  | 1Rx8  | NMUD480E81-3000DB30            | SS | Hynix   |                 |  | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | Neo Forza   | 8GB  | 1Rx8  | NMUD480E81-3000DD30            | SS | Hynix   |                 |  | 15-17-17-35 | 1.35v | V |   | v | 2133 |
| 3000 | PATRIOT     | 4GB  | 1Rx8  | PV48G300C6K                    | SS |         |                 |  | CL16        | 1.35v | V |   | v | 2133 |
| 3000 | PATRIOT     | 8GB  | 1Rx8  | PV416G300C6K                   | SS |         |                 |  | CL16        | 1.35v | V |   | v | 2133 |
| 3000 | Team        | 8GB  | 1Rx8  | TF1D416G3000HC16CDC01          | SS |         |                 |  | 16-18-18-38 | 1.35v | V |   | v | 2133 |
| 3000 | Team        | 8GB  | 1Rx8  | TF2D416G3000HC16CDC01          | SS |         |                 |  | 16-18-18-38 | 1.35v | V |   | v | 2133 |
| 3000 | Team        | 8GB  | 1Rx8  | TF3D416G3000HC16CDC01          | SS |         |                 |  | 16-18-18-38 | 1.35v | V |   | v | 2133 |
| 3000 | Team        | 8GB  | 1Rx8  | TF4D416G3000HC16CDC01          | SS |         |                 |  | 16-18-18-38 | 1.35v | V |   | v | 2133 |
| 3000 | Thermaltake | 8GB  | 1Rx8  | R009D408GX2-3000C16A Ver 1.1.2 | SS | Hynix   | H5AN8G8NMFR-VKC |  | 16-18-18-38 | 1.35v | V |   | v | 2666 |
| 3000 | Thermaltake | 8GB  | 1Rx8  | R009D408GX2-3000C16B Ver:1.1.3 | SS | Hynix   | H5AN8G8NCJR-VKC |  | 16-18-18-36 | 1.35v | V |   | v | 2666 |
| 2933 | CORSAIR     | 16GB | 2Rx8  | CMK128GX4M8Z2933C16 ver 4.31   | DS | Samsung |                 |  | 16-18-18-36 | 1.35  | V | V | v | 2133 |
| 2933 | HyperX      | 8GB  | 1Rx8  | HX429C15PB3AK4/32              | SS |         |                 |  | CL15        | 1.35v | V | V | v | 2933 |
| 2800 | G.SKILL     | 16GB | 2Rx8  | F4-2800C15Q2-128GRKD           | DS |         |                 |  | 15-15-15-35 | 1.35v | V | V | v | 2133 |
| 2800 | G.SKILL     | 8GB  | 2Rx8  | F4-2800C15Q2-64GRK             | DS |         |                 |  | 15-16-16-35 | 1.25v | V |   | v | 2133 |
| 2666 | ADATA       | 16GB | 2Rx8  | AD4U2666316G19-B               | DS | Hynix   |                 |  | 19-19-19-43 | 1.2   | V | V | v | 2666 |
| 2666 | ADATA       | 8GB  | 1Rx8  | AD4U266638G19-B                | SS | spectek |                 |  | C19         | 1.2v  | V | V | v | 2666 |
| 2666 | ADATA       | 8GB  | 1Rx8  | AD4U266638G-S                  | SS | Hynix   |                 |  | 19-19-19-43 | 1.2   | V | V | v | 2133 |
| 2666 | ADATA       | 8GB  | 1Rx8  | AD4U266638G-R                  | SS | Hynix   |                 |  | 19-19-19-43 | 1.2   | V | V | v | 2133 |
| 2666 | ADATA       | 8GB  | 1Rx8  | AD4U266638G-D                  | SS | Hynix   |                 |  | 19-19-19-43 | 1.2   | V | V | v | 2133 |
| 2666 | ADATA       | 8GB  | 1Rx8  | AD4U266638G19-B                | SS | spectek |                 |  | 19-19-19-43 | 1.2   | V | V | v | 2666 |
| 2666 | ADATA       | 8GB  | 1Rx8  | AD4U266638G19-S                | SS | spectek |                 |  | 19-19-19-43 | 1.2   | V | V | v | 2666 |
| 2666 | ADATA       | 8GB  | 1Rx8  | AD4U266638G19-R                | SS | spectek |                 |  | 19-19-19-43 | 1.2   | V | V | v | 2666 |
| 2666 | ADATA       | 8GB  | 1Rx8  | AD4U266638G19-D                | SS | spectek |                 |  | 19-19-19-43 | 1.2   | V | V | v | 2666 |
| 2666 | ADATA       | 16GB | 2Rx8  | AX4U2666316G16-BR80            | SS | spectek |                 |  | 16-16-16-39 | 1.2v  | V | V | v | 2666 |
| 2666 | ADATA       | 16GB | 2Rx8  | AX4U2666316G16-SR80            | SS | spectek |                 |  | 16-16-16-39 | 1.2v  | V | V | v | 2666 |
| 2666 | ADATA       | 16GB | 2Rx8  | AX4U2666316G16-DR80            | SS | spectek |                 |  | 16-16-16-39 | 1.2v  | V | V | v | 2666 |
| 2666 | ADATA       | 16GB | 2Rx8  | AX4U2666316G16-QR80            | SS | spectek |                 |  | 16-16-16-39 | 1.2v  | V | V | v | 2666 |
| 2666 | ADATA       | 8GB  | 1Rx8  | AX4U266638G16-BR30             | SS | Hynix   |                 |  | 16-18-18-38 | 1.2   | V | V | v | 2666 |
| 2666 | ANACOMDA    | 16GB | 2Rx8  | DDR4 2666 16GB                 | DS |         |                 |  | 19-19-19-43 | 1.2v  | V |   | v | 2666 |
| 2666 | Apacer      | 16GB | 2Rx8  | AU16GGB26CQYBGH                | DS |         |                 |  | CL19        | 1.2v  | V | V | v | 2666 |
| 2666 | Apacer      | 8GB  | 1Rx8  | AU08GGB26CQYBGH                | SS |         |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |
| 2666 | Apacer      | 8GB  | 1Rx16 | AU08GGB26CQABGH                | SS |         |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |
| 2666 | Apacer      | 8GB  | 1Rx16 | EL.08GV.GNH                    | SS | Hynix   |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |
| 2666 | Apacer      | 8GB  | 1Rx8  | AU08GGB26CQYBGH                | SS |         |                 |  | CL19        | 1.2v  | V | V | v | 2666 |
| 2666 | Apacer      | 4GB  | 1Rx8  | AHU04GB26CDT6H                 | SS |         |                 |  | 16-16-16-36 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 4GB  | 1Rx8  | CMV4GX4M1A2666C18              | SS |         |                 |  | 18-18-18-43 | 1.2v  | V |   | v | 2666 |
| 2666 | CORSAIR     | 8GB  | 1Rx8  | CMV8GX4M1A2666C18              | SS |         |                 |  | 18-18-18-43 | 1.2v  | V |   | v | 2666 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK32GX4M2A2666C16             | DS |         |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK32GX4M2A2666C16R            | DS |         |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK32GX4M2A2666C16W            | DS |         |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK128GX4M8A2666C16 ver5.39    | DS | Hynix   |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK128GX4M8A2666C16 ver3.32    | DS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK64GX4M4A2666C16 ver 4.31    | DS | Samsung |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK64GX4M4A2666C16W ver 4.31   | DS | Samsung |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK32GX4M2A2666C16R            | DS |         |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK64GX4M4A2666C16 ver3.31     | DS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK64GX4M4A2666C16W ver3.31    | DS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 16GB | 2Rx8  | CMK16GX4M1A2666C16 ver5.39     | DS | Hynix   |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 4GB  | 1Rx8  | CMK8GX4M2A2666C16 ver3.22      | SS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 4GB  | 1Rx8  | CMK16GX4M4A2666C16 ver 3.21    | SS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 4GB  | 1Rx8  | CMK16GX4M4A2666C16B ver 3.21   | SS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 4GB  | 1Rx8  | CMK16GX4M4A2666C16R ver 3.21   | SS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 2Rx8  | CMK64GX4M8A2666C16             | DS | Samsung |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 2Rx8  | CMK32GX4M4A2666C16 ver3.21     | DS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 2Rx8  | CMK32GX4M4A2666C16B ver3.21    | DS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 2Rx8  | CMK32GX4M4A2666C16R ver .21    | DS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 2Rx8  | CMK32GX4M4A2666C16W ver3.21    | DS | Micron  |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 1Rx8  | CMK32GX4M4A2666C16 ver5.30     | SS | Hynix   |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 1Rx8  | CMK32GX4M4A2666C16B ver5.30    | SS | Hynix   |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 1Rx8  | CMK32GX4M4A2666C16R ver5.30    | SS | Hynix   |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 1Rx8  | CMK16GX4M2A2666C16W ver5.30    | SS | Hynix   |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 1Rx8  | CMK16GX4M2A2666C16 ver5.30     | DS | Hynix   |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 1Rx8  | CMK16GX4M2A2666C16R ver5.30    | DS | Hynix   |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 1Rx8  | CMK16GX4M2A2666C16W ver5.30    | DS | Hynix   |                 |  | 16-18-18-35 | 1.2v  | V | V | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 2Rx8  | CMK16GX4M2A2666C16 ver4.23     | DS | Samsung |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 2Rx8  | CMK16GX4M2A2666C16Rver4.23     | DS | Samsung |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 8GB  | 2Rx8  | CMK16GX4M2A2666C16W ver4.23    | DS | Samsung |                 |  | 16-18-18-35 | 1.2v  | V |   | v | 2133 |
| 2666 | CORSAIR     | 32GB | 2Rx8  | CMV32GX4M1A2666C18             | DS | Micron  |                 |  | C18         | 1.2v  | V | V | v | 2666 |
| 2666 | ADATA       | 32GB | 2Rx8  | AD4U2666732G19-B               | DS | spectek |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |
| 2666 | CRUCIAL     | 16GB | 2Rx8  | CT16G4WFD8266                  | DS | Micron  |                 |  | CL19        | 1.2v  | V | V | v | 2666 |
| 2666 | CRUCIAL     | 16GB | 2Rx8  | MTA16ATF2G64AZ-2G6E1           | DS | Micron  |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |
| 2666 | CRUCIAL     | 16GB | 2Rx8  | CT16G4DFD8266.M16FE            | DS | Micron  |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |
| 2666 | CRUCIAL     | 32GB | 2Rx8  | CT32G4DFD8266.16FB1            | DS | Micron  |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |
| 2666 | CRUCIAL     | 8GB  | 1Rx8  | MTA8ATF1G64AZ-2G6E1            | SS | Micron  |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |
| 2666 | CRUCIAL     | 8GB  | 1Rx8  | CT8G4DFS8266.M8FE              | SS | Micron  |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |
| 2666 | CRUCIAL     | 16GB | 2Rx8  | BLS16G4D26BFSC.16FBD           | DS | Micron  |                 |  | 16-18-18-38 | 1.2v  | V | V | v | 2666 |
| 2666 | CRUCIAL     | 4GB  | 1Rx8  | BLS8G4D26BFSC.8FBR2            | SS | Micron  |                 |  | 16-18-18-38 | 1.2v  | V | V | v | 2666 |
| 2666 | CRUCIAL     | 8GB  | 2Rx8  | BLS8G4D26BFSC.16FBR2           | DS | Micron  |                 |  | 16-18-18-38 | 1.2v  | V | V | v | 2666 |
| 2666 | GIGABYTE    | 8GB  | 1Rx8  | GP-GR26C16S8K2HU416            | SS | Hynix   |                 |  | 19-19-19-43 | 1.2v  | V | V | v | 2666 |

|      |          |      |      |                              |    |         |  |             |       |   |   |        |
|------|----------|------|------|------------------------------|----|---------|--|-------------|-------|---|---|--------|
| 2666 | GEIL     | 4GB  | 1Rx8 | GSB44GB2666C19SC             | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 4GB  | 1Rx8 | GSB48GB2666C19DC             | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 4GB  | 1Rx8 | GAFY416GB2666C19QC           | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 4GB  | 1Rx8 | GLS44GB2666C19SC             | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 4GB  | 1Rx8 | GLS48GB2666C19DC             | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 4GB  | 1Rx8 | GLS416GB2666C19QC            | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 8GB  | 1Rx8 | GSB48GB2666C19SC             | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 8GB  | 1Rx8 | GSB416GB2666C19DC            | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 8GB  | 1Rx8 | GAFY432GB2666C19QC           | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 8GB  | 2Rx8 | GLS48GB2666C19SC             | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 8GB  | 2Rx8 | GLS416GB2666C19DC            | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 8GB  | 2Rx8 | GLS432GB2666C19QC            | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | GEIL     | 8GB  | 1Rx8 | GSB416GB2666C16ADC           | SS |         |  | 16-18-18-36 | 1.35v | V | V | v 2133 |
| 2666 | GEIL     | 8GB  | 1Rx8 | GSB432GB2666C16AQC           | SS |         |  | 16-18-18-36 | 1.35v | V | V | v 2133 |
| 2666 | GEIL     | 8GB  | 2Rx8 | GLS416GB2666C16ADC           | DS |         |  | 16-18-18-36 | 1.35v | V | V | v 2133 |
| 2666 | GEIL     | 8GB  | 2Rx8 | GLS432GB2666C16AQC           | DS |         |  | 16-18-18-36 | 1.35v | V | V | v 2133 |
| 2666 | Kingston | 16GB | 2Rx8 | KVR26N19D8/16                | DS | Micron  |  | CL19        | 1.2v  | V | V | 2666   |
| 2666 | Kingston | 16GB | 2Rx8 | KVR26N19D8/16                | DS | Micron  |  | CL19        | 1.2v  | V | V | 2666   |
| 2666 | Kingston | 8GB  | 1Rx8 | KVR26N19S8/8                 | SS | Micron  |  | CL19        | 1.2v  | V | V | 2666   |
| 2666 | Kingston | 8GB  | 1Rx8 | KVR26N19S8/8                 | SS | Micron  |  | CL19        | 1.2v  | V | V | 2666   |
| 2666 | HyperX   | 16GB | 2Rx8 | HX426C13PB3K4/64             | DS | Hynix   |  | CL13        | 1.35  | V | V | v 2400 |
| 2666 | HyperX   | 16GB | 2Rx8 | HX426C13PB3K2/32             | DS | Hynix   |  | CL13        | 1.35  | V | V | v 2400 |
| 2666 | HyperX   | 16GB | 2Rx8 | HX426C13PB3/16               | DS | Hynix   |  | CL13        | 1.35  | V | V | v 2400 |
| 2666 | HyperX   | 16GB | 2Rx8 | HX426C16FB3AK4/64            | DS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 16GB | 2Rx8 | HX426C16FB3AK2/32            | DS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 16GB | 2Rx8 | HX426C16FB3A/16              | DS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 16GB | 2Rx8 | HX426C16FB3K4/64             | DS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 16GB | 2Rx8 | HX426C16FB3K2/32             | DS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 16GB | 2Rx8 | HX426C16FB3/16               | DS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 4GB  | 1Rx8 | HX426C16FB3K4/16             | SS | Micron  |  | 16-18-18    | 1.2v  | V | V | v 2133 |
| 2666 | HyperX   | 4GB  | 1Rx8 | HX426C16FB3K2/8              | SS | Micron  |  | 16-18-18    | 1.2v  | V | V | v 2133 |
| 2666 | HyperX   | 4GB  | 1Rx8 | HX426C16FB3/4                | SS | Micron  |  | 16-18-18    | 1.2v  | V | V | v 2133 |
| 2666 | HyperX   | 8GB  | 1Rx8 | HX426C13PB3K4/32             | SS | Hynix   |  | CL13        | 1.35  | V | V | v 2400 |
| 2666 | HyperX   | 8GB  | 1Rx8 | HX426C13PB3K2/16             | SS | Hynix   |  | CL13        | 1.35  | V | V | v 2400 |
| 2666 | HyperX   | 8GB  | 1Rx8 | HX426C13PB3/8                | SS | Hynix   |  | CL13        | 1.35  | V | V | v 2400 |
| 2666 | HyperX   | 8GB  | 1Rx8 | HX426C16FB3AK4/32            | SS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 8GB  | 1Rx8 | HX426C16FB3AK2/16            | SS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 8GB  | 1Rx8 | HX426C16FB3A/8               | SS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 8GB  | 1Rx8 | HX426C16FB3K4/32             | SS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 8GB  | 1Rx8 | HX426C16FB3K2/16             | SS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | HyperX   | 8GB  | 1Rx8 | HX426C16FB3/8                | SS | Hynix   |  | 16-18-18    | 1.2v  | V | V | v 2666 |
| 2666 | KLEVV    | 16GB | 2Rx8 | KM4Z16X1N-2666-15-15-15-35-1 | DS |         |  | 15-15-15-35 | 1.2v  | V | V | v 2400 |
| 2666 | KLEVV    | 4GB  | 1Rx8 | KM4Z4GX1N-2666-15-15-15-35-1 | SS |         |  | 15-15-15-35 | 1.2v  | V | V | v 2400 |
| 2666 | KLEVV    | 4GB  | 1Rx8 | KD44GU481-26N1602            | SS |         |  | 16-18-18-38 | 1.2v  | V | V | v 2666 |
| 2666 | KLEVV    | 8GB  | 1Rx8 | KM4Z8GX1N-2666-15-15-15-35-1 | SS |         |  | 15-15-15-35 | 1.2v  | V | V | v 2400 |
| 2666 | KLEVV    | 8GB  | 2Rx8 | KD48GU481-26N1600            | DS |         |  | 16-18-18-38 | 1.2v  | V | V | v 2666 |
| 2666 | NANYA    | 16GB | 2Rx8 | NT16GA64D88BX3F-HR           | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | NANYA    | 8GB  | 1Rx8 | NT8GA64D88BX3F-HR            | SS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | ORCA     | 8GB  | 1Rx8 | RUD408G2666C112              | SS |         |  | 18-18-18-40 | 1.2v  | V | V | 2666   |
| 2666 | PATRIOT  | 4GB  | 1Rx8 | PVE48G266C6KBL               | SS |         |  | CL16        | 1.2v  | V | V | v 2133 |
| 2666 | PATRIOT  | 8GB  | 2Rx8 | PVE416G266C6KBL              | DS |         |  | CL16        | 1.2v  | V | V | v 2133 |
| 2666 | PATRIOT  | 8GB  | 1Rx8 | PVR416G266C5KW               | SS |         |  | CL15        | 1.2v  | V | V | v 2133 |
| 2666 | PATRIOT  | 8GB  | 1Rx8 | PVR416G266C5K                | SS |         |  | CL15        | 1.2v  | V | V | v 2133 |
| 2666 | Samsung  | 32GB | 2Rx8 | M378AA4G43MB1-CTD            | DS | Samsung |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 16GB | 2Rx8 | TED464G2666C19QC01           | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 16GB | 2Rx8 | TED432G2666C19DC01           | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 16GB | 2Rx8 | TPD432G2666HC19DC01          | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 16GB | 2Rx8 | TPRD432G2666HC19DC01         | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 16GB | 2Rx8 | TED416G2666C1901             | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 16GB | 2Rx8 | TPD416G2666HC1901            | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 16GB | 2Rx8 | TPRD416G2666HC1901           | DS |         |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TED416G2666C19QC01           | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TPD416G2666HC19QC01          | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TPRD416G2666HC19QC01         | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TED48G2666C19DC01            | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TPD48G2666HC19DC01           | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TPRD48G2666HC19DC01          | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TED44G2666C1901              | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TPD44G2666HC1901             | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TPRD44G2666HC1901            | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 8GB  | 1Rx8 | TED432G2666C19QC01           | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 8GB  | 1Rx8 | TPD432G2666HC19QC01          | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 8GB  | 1Rx8 | TPRD432G2666HC19QC01         | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 8GB  | 1Rx8 | TED416G2666C19DC01           | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 8GB  | 1Rx8 | TPD416G2666HC19DC01          | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 8GB  | 1Rx8 | TPRD416G2666HC19DC01         | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 8GB  | 1Rx8 | TED48G2666C1901              | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 8GB  | 1Rx8 | TPD48G2666HC1901             | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 8GB  | 1Rx8 | TPRD48G2666HC1901            | SS | Micron  |  | 19-19-19-43 | 1.2v  | V | V | 2666   |
| 2666 | Team     | 4GB  | 1Rx8 | TLRED416G2666HC15BQC01       | SS |         |  | 15-17-17-35 | 1.2v  | V | V | v 2133 |
| 2666 | Team     | 4GB  | 1Rx8 | TLGD416G2666HC15BQC01        | SS |         |  | 15-17-17-35 | 1.2v  | V | V | v 2133 |
| 2666 | Team     | 4GB  | 1Rx8 | TGDED416G2666HC15BQC01       | SS |         |  | 15-17-17-35 | 1.2v  | V | V | v 2133 |
| 2666 | Team     | 4GB  | 1Rx8 | TDRED416G2666HC15BQC01       | SS |         |  | 15-17-17-35 | 1.2v  | V | V | v 2133 |
| 2666 | Team     | 4GB  | 1Rx8 | TLRED48G2666HC15BDC01        | SS |         |  | 15-17-17-35 | 1.2v  | V | V | v 2133 |
| 2666 | Team     | 4GB  | 1Rx8 | TLGD48G2666HC15BDC01         | SS |         |  | 15-17-17-35 | 1.2v  | V | V | v 2133 |
| 2666 | Team     | 4GB  | 1Rx8 | TGDED48G2666HC15BDC01        | SS |         |  | 15-17-17-35 | 1.2v  | V | V | v 2133 |
| 2666 | Team     | 4GB  | 1Rx8 | TDRED48G2666HC15BDC01        | SS |         |  | 15-17-17-35 | 1.2v  | V | V | v 2133 |
| 2400 | Apacer   | 8GB  | 2Rx8 | AU08GGB24CETBGC              | DS |         |  | CL17        | 1.2v  | V | V | 2400   |
| 2400 | Apacer   | 8GB  | 1Rx8 | AU08GGB24CEYBGC              | SS |         |  | CL17        | 1.2v  | V | V | v 2400 |
| 2400 | Apacer   | 16GB | 2Rx8 | AHU16GGB24CDU7V              | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v 2133 |
| 2400 | CORSAIR  | 32GB | 2Rx8 | CMK64GX4M2A2400C16 ver3.44   | DS | Micron  |  | 16-16-16-39 | 1.2v  | V | V | 2400   |

|      |             |      |       |                              |    |         |  |             |       |   |   |   |      |
|------|-------------|------|-------|------------------------------|----|---------|--|-------------|-------|---|---|---|------|
| 2400 | CORSAIR     | 8GB  | 1Rx8  | CMK16GX4M2Z2400C16 ver3.31   | SS | Micron  |  | 16-16-16-39 | 1.2v  | V |   |   | 2133 |
| 2400 | CORSAIR     | 16GB | 2Rx8  | CMK64GX4M4A2400C14           | DS |         |  | 14-16-16-31 | 1.2v  | V | V | v | 2133 |
| 2400 | CORSAIR     | 16GB | 2Rx8  | CMK128GX4M8A2400C14 ver5.30  | DS | Hynix   |  | 14-16-16-31 | 1.2v  | V | V | v | 2133 |
| 2400 | CORSAIR     | 16GB | 2Rx8  | CMK64GX4M4A2400C16 ver3.32   | DS | Micron  |  | 16-16-16-39 | 1.2v  | V | V | v | 2133 |
| 2400 | CORSAIR     | 4GB  | 1Rx8  | CMK8GX4M2D2400C14 ver3.11    | SS | Micron  |  | 14-16-16-31 | 1.2v  | V |   | v | 2133 |
| 2400 | CORSAIR     | 8GB  | 1Rx8  | CMK16GX4M2A2400C16 ver5.30   | SS | Hynix   |  | 16-16-16-39 | 1.2v  | V |   | v | 2133 |
| 2400 | CORSAIR     | 8GB  | 1Rx8  | CMK32GX4M4A2400C14 ver3.31   | SS | Micron  |  | 14-16-16-31 | 1.2v  | V |   | v | 2133 |
| 2400 | CORSAIR     | 8GB  | 1Rx8  | CMK16GX4M2D2400C14 ver4.21   | SS | Samsung |  | 14-16-16-31 | 1.2v  | V |   | v | 2133 |
| 2400 | CORSAIR     | 8GB  | 2Rx8  | CMK64GX4M8A2400C14           | DS |         |  | 14-16-16-31 | 1.2v  | V | V | v | 2133 |
| 2400 | CORSAIR     | 8GB  | 2Rx8  | CMK32GX4M4A2400C16           | SS |         |  | 16-16-16-39 | 1.2v  | V | V | v | 2133 |
| 2400 | CORSAIR     | 8GB  | 2Rx8  | CMK32GX4M4A2400C16R          | SS |         |  | 16-16-16-39 | 1.2v  | V | V | v | 2133 |
| 2400 | CORSAIR     | 8GB  | 1Rx8  | CMK16GX4M2A2400C16           | SS |         |  | 16-16-16-39 | 1.2v  | V |   | v | 2133 |
| 2400 | CORSAIR     | 8GB  | 1Rx8  | CMK16GX4M2A2400C16R          | SS |         |  | 16-16-16-39 | 1.2v  | V |   | v | 2133 |
| 2400 | CORSAIR     | 8GB  | 2Rx8  | CMK32GX4M4A2400C12           | DS |         |  | 12-14-14-28 | 1.2v  | V | V | v | 2133 |
| 2400 | CRUCIAL     | 16GB | 2Rx8  | CT16G4DFD824A.16FB1          | DS | Micron  |  | CL17        | 1.2v  | V | V |   | 2400 |
| 2400 | CRUCIAL     | 16GB | 2Rx8  | CT16G4WFD824A.18FB1          | DS | Micron  |  | CL17        | 1.2v  | V |   |   | 2400 |
| 2400 | CRUCIAL     | 8GB  | 1Rx8  | CT8G4DFS824A.8FB1            | SS | Micron  |  | CL17        | 1.2v  | V | V |   | 2400 |
| 2400 | CRUCIAL     | 8GB  | 2Rx8  | CT8G4WFD824A.18FB1           | DS | Micron  |  | CL17        | 1.2v  | V | V |   | 2400 |
| 2400 | CRUCIAL     | 8GB  | 2Rx8  | BLS8G4D240FSB.16FAR          | DS | Micron  |  | 16-16-16-39 | 1.2v  | V |   | v | 2400 |
| 2400 | G.SKILL     | 8GB  | 1Rx8  | F4-2400C17S-8GDB             | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | G.SKILL     | 16GB | 2Rx8  | F4-2400C15Q2-128GRK          | DS |         |  | 15-15-15-35 | 1.2v  | V | V | v | 2133 |
| 2400 | G.SKILL     | 8GB  | 2Rx8  | F4-2400C15Q2-64GRK           | DS |         |  | 15-15-15-35 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 16GB | 2Rx8  | GLS416GB2400C17SC            | DS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 16GB | 2Rx8  | GLS432GB2400C17DC            | DS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 16GB | 2Rx8  | GLS464GB2400C17QC            | DS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GSB44GB2400C17SC             | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GSB48GB2400C17DC             | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GSB416GB2400C17QC            | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GLS44GB2400C17SC             | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GLS48GB2400C17DC             | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GLS416GB2400C17QC            | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 8GB  | 1Rx8  | GSB48GB2400C17SC             | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 8GB  | 1Rx8  | GSB416GB2400C17DC            | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 8GB  | 1Rx8  | GSB432GB2400C17QC            | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 8GB  | 2Rx8  | GLS48GB2400C17SC             | DS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 8GB  | 2Rx8  | GLS416GB2400C17DC            | DS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 8GB  | 2Rx8  | GLS432GB2400C17QC            | DS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | GEIL        | 16GB | 2Rx8  | GLS416GB2400C16SC            | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 16GB | 2Rx8  | GLS432GB2400C16DC            | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 16GB | 2Rx8  | GLS464GB2400C16QC            | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GSB44GB2400C16SC             | SS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GSB48GB2400C16DC             | SS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GSB416GB2400C16QC            | SS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GLS44GB2400C16SC             | SS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GALS48GB2400C16DC            | SS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 4GB  | 1Rx8  | GLS416GB2400C16QC            | SS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 8GB  | 2Rx8  | GSB48GB2400C16SC             | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 8GB  | 2Rx8  | GSB416GB2400C16DC            | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 8GB  | 2Rx8  | GSB432GB2400C16QC            | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 8GB  | 2Rx8  | GLS48GB2400C16SC             | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 8GB  | 2Rx8  | GLS416GB2400C16DC            | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GEIL        | 8GB  | 2Rx8  | GLS432GB2400C16QC            | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | GALAX       | 4GB  | 1Rx8  | HOF4BLBM240012FD041C         | SS |         |  | 12-12-12-28 | 1.35v | V | V | v | 2133 |
| 2400 | GALAX       | 8GB  | 2Rx8  | GAM4MRR2B2SR2400D16JE081C    | DS |         |  | 16-16-16-36 | 1.2v  | V | V | v | 2133 |
| 2400 | HYUNDAI.Inc | 16GB | 2Rx8  | HYE16G24C17                  | DS |         |  | 17-17-17-39 | 1.2v  | V |   |   | 2400 |
| 2400 | HYUNDAI.Inc | 4GB  | 1Rx8  | HYE4G24C17                   | SS |         |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | Kingston    | 16GB | 2Rx8  | KVR24N17D8/16                | DS | Micron  |  | CL17        | 1.2v  | V | V |   | 2400 |
| 2400 | Kingston    | 16GB | 2Rx8  | KVR24N17D8L/16-SP            | DS | Nanya   |  | CL17        | 1.2v  | V | V |   | 2400 |
| 2400 | Kingston    | 4GB  | 1Rx8  | KVR24N17S6/4                 | SS | PSC     |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | Kingston    | 8GB  | 1Rx8  | KVR24N17S8/8                 | SS | Micron  |  | CL17        | 1.2v  | V | V |   | 2400 |
| 2400 | Kingston    | 8GB  | 2Rx8  | KVR24N17S8/8                 | DS | PSC     |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | Kingston    | 8GB  | 2Rx8  | KVR24N17D8L/8-SP             | DS | PSC     |  | CL17        | 1.2v  | V | V |   | 2400 |
| 2400 | HyperX      | 16GB | 2Rx8  | HX424C15FB3AK4/64            | DS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 16GB | 2Rx8  | HX424C15FB3AK2/32            | DS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 16GB | 2Rx8  | HX424C15FB3A/16              | DS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 16GB | 2Rx8  | HX424C15FB3K4/64             | DS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 16GB | 2Rx8  | HX424C15FB3K2/32             | DS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 16GB | 2Rx8  | HX424C15FB3/16               | DS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 4GB  | 1Rx8  | HX424C15FB3K4/16             | SS | Micron  |  | 15-15-15    | 1.2v  | V | V | v | 2133 |
| 2400 | HyperX      | 4GB  | 1Rx8  | HX424C15FB3K2/8              | SS | Micron  |  | 15-15-15    | 1.2v  | V | V | v | 2133 |
| 2400 | HyperX      | 4GB  | 1Rx8  | HX424C15FB3/4                | SS | Micron  |  | 15-15-15    | 1.2v  | V | V | v | 2133 |
| 2400 | HyperX      | 8GB  | 1Rx8  | HX424C15FB3AK4/32            | SS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 8GB  | 1Rx8  | HX424C15FB3AK2/16            | SS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 8GB  | 1Rx8  | HX424C15FB3A/8               | SS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 8GB  | 1Rx8  | HX424C15FB3K4/32             | SS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 8GB  | 1Rx8  | HX424C15FB3K2/16             | SS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | HyperX      | 8GB  | 1Rx8  | HX424C15FB3/8                | SS | Hynix   |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | KLEVV       | 4GB  | 1Rx8  | KM4B4GX1N-2400-15-15-15-35-0 | SS |         |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | KLEVV       | 4GB  | 1Rx8  | KM4Z4GX1N-2400-15-15-15-35-1 | SS |         |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | KLEVV       | 8GB  | 1Rx8  | KM4B8GX1N-2400-15-15-15-35-0 | SS |         |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | KLEVV       | 8GB  | 1Rx8  | KM4Z8GX1N-2400-15-15-15-35-1 | SS |         |  | 15-15-15-35 | 1.2v  | V | V | v | 2400 |
| 2400 | KINGMAX     | 16GB | 2Rx8  | GLLH22F-18KIIA CFBU2 Z11B    | DS | Spectek |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | KINGMAX     | 4GB  | 1Rx16 | GLLF62F-DAK2IG CLBU Z11C     | SS | Spectek |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | KINGMAX     | 4GB  | 1Rx16 | GLLF62F-DAK2IG CLBU Z11B     | SS | Spectek |  | 17-17-17-39 | 1.2v  | V | V |   | 2400 |
| 2400 | ORCA        | 4GB  | 1Rx8  | RUD404GS2400CG12             | SS |         |  | 16-16-16-36 | 1.2v  | V | V |   | 2400 |
| 2400 | PATRIOT     | 16GB | 2Rx8  | PSD416G24002                 | DS |         |  | CL17        | 1.2v  | V |   |   | 2400 |
| 2400 | PATRIOT     | 8GB  | 1Rx8  | PSD48G240081                 | SS |         |  | CL17        | 1.2v  | V |   |   | 2400 |
| 2400 | PATRIOT     | 4GB  | 1Rx8  | PVE48G240C5KRD               | SS |         |  | CL15        | 1.2v  | V |   | v | 2133 |
| 2400 | PATRIOT     | 8GB  | 1Rx8  | PVE416G240C5KRD              | SS |         |  | CL15        | 1.2v  | V |   | v | 2133 |
| 2400 | Samsung     | 32GB | 2Rx8  | M378A4G43MB1-CRC             | DS | Samsung |  | 17-17-17-40 | 1.2v  | V | V |   | 2400 |
| 2400 | Samsung     | 4GB  | 1Rx16 | M378A5244CB0-CRC             | SS | Samsung |  | CL17        | 1.2v  | V | V |   | 2400 |
| 2400 | Team        | 16GB | 1Rx8  | TED432G2400C16DC01           | SS | Hynix   |  | 16-16-16-39 | 1.2v  | V | V |   | 2400 |
| 2400 | Team        | 16GB | 1Rx8  | TED416G2400C1601             | SS | Hynix   |  | 16-16-16-39 | 1.2v  | V | V |   | 2400 |
| 2400 | Team        | 4GB  | 1Rx8  | TED416G2400C16QC01           | SS | Hynix   |  | 16-16-16-39 | 1.2v  | V | V |   | 2400 |
| 2400 | Team        | 4GB  | 1Rx8  | TPD416G2400HC16QC01          | SS | Hynix   |  | 16-16-16-39 | 1.2v  | V | V |   | 2400 |

|      |         |      |      |                              |    |         |  |             |      |   |   |        |
|------|---------|------|------|------------------------------|----|---------|--|-------------|------|---|---|--------|
| 2400 | Team    | 4GB  | 1Rx8 | TPRD416G2400HC16QC01         | SS | Hynix   |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 4GB  | 1Rx8 | TED48G2400C16DC01            | SS | Hynix   |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 4GB  | 1Rx8 | TPD48G2400HC16DC01           | SS | Hynix   |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 4GB  | 1Rx8 | TPRD48G2400HC16DC01          | SS | Hynix   |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 4GB  | 1Rx8 | TED44G2400C1601              | SS | Hynix   |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 4GB  | 1Rx8 | TPD44G2400HC1601             | SS | Hynix   |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 4GB  | 1Rx8 | TPRD44G2400HC1601            | SS | Hynix   |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 2Rx8 | TED432G2400C16QC01           | DS |         |  | 16-16-16-39 | 1.2v | V |   | 2400   |
| 2400 | Team    | 8GB  | 2Rx8 | TPRD432G2400HC16QC01         | DS |         |  | 16-16-16-39 | 1.2v | V |   | 2400   |
| 2400 | Team    | 8GB  | 2Rx8 | TPD432G2400HC16QC01          | DS |         |  | 16-16-16-39 | 1.2v | V |   | 2400   |
| 2400 | Team    | 8GB  | 2Rx8 | TED416G2400C16DC01           | DS |         |  | 16-16-16-39 | 1.2v | V |   | 2400   |
| 2400 | Team    | 8GB  | 2Rx8 | TPRD416G2400HC16DC01         | DS |         |  | 16-16-16-39 | 1.2v | V |   | 2400   |
| 2400 | Team    | 8GB  | 2Rx8 | TPD416G2400HC16DC01          | DS |         |  | 16-16-16-39 | 1.2v | V |   | 2400   |
| 2400 | Team    | 8GB  | 2Rx8 | TED48G2400C1601              | DS |         |  | 16-16-16-39 | 1.2v | V |   | 2400   |
| 2400 | Team    | 8GB  | 2Rx8 | TPRD48G2400HC1601            | DS |         |  | 16-16-16-39 | 1.2v | V |   | 2400   |
| 2400 | Team    | 8GB  | 2Rx8 | TPD48G2400HC1601             | DS |         |  | 16-16-16-39 | 1.2v | V |   | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TED432G2400C16QC01           | SS | Micron  |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TPD432G2400HC16QC01          | SS | Micron  |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TPRD432G2400HC16QC01         | SS | Micron  |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TED416G2400C16DC01           | SS | Micron  |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TPD416G2400HC16DC01          | SS | Micron  |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TPRD416G2400HC16DC01         | SS | Micron  |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TED48G2400C1601              | SS | Micron  |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TPD48G2400HC1601             | SS | Micron  |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TPRD48G2400HC1601            | SS | Micron  |  | 16-16-16-39 | 1.2v | V | V | 2400   |
| 2400 | Team    | 8GB  | 1Rx8 | TLGD432G2400HC14QC01         | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TLRED432G2400HC14QC01        | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TDRED432G2400HC14QC01        | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TGDED432G2400HC14QC01        | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TLGD416G2400HC14DC01         | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TLRED416G2400HC14DC01        | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TDRED416G2400HC14DC01        | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TGDED416G2400HC14DC01        | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TLGD48G2400HC1401            | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TLRED48G2400HC1401           | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TDRED48G2400HC1401           | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TGDED48G2400HC1401           | SS |         |  | 14-16-16-31 | 1.2v | V | V | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TF3D416G2400HC15BDC01        | SS |         |  | 15-17-17-35 | 1.2v | V |   | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TF4D416G2400HC15BDC01        | SS |         |  | 15-17-17-35 | 1.2v | V |   | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TF3D48G2400HC15B01           | SS |         |  | 15-17-17-35 | 1.2v | V |   | v 2133 |
| 2400 | Team    | 8GB  | 1Rx8 | TF4D48G2400HC15B01           | SS |         |  | 15-17-17-35 | 1.2v | V |   | v 2133 |
| 2400 | V-Color | 8GB  | 1Rx8 | TC48G24S817                  | SS |         |  | CL17        | 1.2v | V |   | 2400   |
| 2400 | VISENTA | 16GB | 2Rx8 | DDR4 2400 16G                | DS |         |  | 15-15-15-35 | 1.2v | V | V | 2400   |
| 2400 | VISENTA | 8GB  | 1Rx8 | DDR4 2400 8G                 | SS |         |  | 17-17-17-40 | 1.2v | V |   | 2400   |
| 2133 | Apacer  | 4GB  | 1Rx8 | AU04GGB13CDTBGH              | SS |         |  | CL15        | 1.2v | V | V | v      |
| 2133 | CORSAIR | 16GB | 2Rx8 | CMV16GX4M1A2133C15           | DS |         |  | C15         | 1.2v | V | V | v      |
| 2133 | CORSAIR | 16GB | 2Rx8 | CMK32GX4M2A2133C13           | DS |         |  | 13-15-15-28 | 1.2v | V |   | v      |
| 2133 | CORSAIR | 8GB  | 2Rx8 | CMK64GX4M8A2133C13           | DS |         |  | 13-15-15-28 | 1.2v | V | V | v      |
| 2133 | CORSAIR | 8GB  | 1Rx8 | CMV8GX4M1A2133C15-E5S        | SS | Samsung |  | C15         | 1.2v | V | V | v      |
| 2133 | CORSAIR | 16GB | 2Rx8 | CMK128GX4M8A2133C13          | DS |         |  | 13-15-15-28 | 1.2v | V | V | v v    |
| 2133 | CRUCIAL | 16GB | 2Rx8 | CT16G4DFD8213.16FB1          | DS | Micron  |  | CL15        | 1.2v | V | V | v      |
| 2133 | CRUCIAL | 8GB  | 1Rx8 | CT8G4DFS8213.8FB1            | SS | Micron  |  | CL15        | 1.2v | V | V | v      |
| 2133 | G.SKILL | 8GB  | 1Rx8 | F4-2133C15S-8GIS             | SS |         |  | 15-15-15-35 | 1.2v | V |   | v      |
| 2133 | KLEVV   | 4GB  | 1Rx8 | KM4B4GX1N-2133-15-15-15-35-0 | SS |         |  | 15-15-15-35 | 1.2v | V | V | v      |
| 2133 | KLEVV   | 8GB  | 1Rx8 | KM4B8GX1N-2133-15-15-15-35-0 | SS |         |  | 15-15-15-35 | 1.2v | V | V | v      |
| 2133 | Samsung | 16GB | 2Rx8 | M378A2K43BB1-CPB             | DS |         |  | 15-15-15-36 | 1.2v | V |   | 2133   |
| 2133 | Samsung | 8GB  | 1Rx8 | M378A1K43BB1-CPB             | SS |         |  | 15-15-15-36 | 1.2v | V |   | 2133   |
| 2133 | V-Color | 16GB | 2Rx8 | TE416G21D815                 | DS | SKHynix |  | CL15        | 1.2v | V | V | v      |
| 2133 | V-Color | 8GB  | 1Rx8 | TE48G21S815                  | SS | SKHynix |  | CL15        | 1.2v | V | V | v      |
| 2133 | V-Color | 8GB  | 1Rx8 | TC48G21S815-IMS              | SS |         |  | CL15        | 1.2v | V | V | v      |

• When running XMP at **DDR4 2933MHz or higher**, the system's stability depends on the CPU's capabilities.  
當執行XMP至**DDR4 2933MHz或更高**，系統的穩定性會依據CPU的效能而有所差異

• Memory modules listed as above is for reference only. Due to massive memory models in 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

• When enabling Dual Channel mode with two or four memory modules, it is recommended that using the same capacity, brand, speed, and chips of memory modules and also installed in the same color of DDR4 slots.  
若要安裝兩支或四支DDR4記憶體模組，建議您使用相同容量/廠牌/速度/顆粒等之記憶體模組。