

"R162-Z10-A00" Qualification Vender List

Please contact FAE support for below orange blocks

| AMD CPU | | | | | | | | | | |
|-------------------------|-----------|---------|----------|----------|----------------------|---------------------------|--------------------------------|-------------|---------------------|--------------|
| Product Name | Code Name | Package | Stepping | L3 Cache | # of Cores / Threads | Processor Base Freq (GHz) | Processor Boost Max Freq (GHz) | Default TDP | cTDP Min / cTDP Max | Memory Types |
| AMD 7H12 100-000000055 | ROME | SP3 | B0 PR | 256MB | 64 / 128 | 2.60 | 3.30 | 240W | 240W/280W | DDR4-3200 |
| AMD 7F72 100-000000141 | ROME | SP3 | PD | 192MB | 24 / 48 | 3.20 | 3.70 | 240W | 225W/240W | DDR4-3200 |
| AMD 7F52 100-000000140 | ROME | SP3 | PD | 256MB | 16 / 32 | 3.50 | 3.90 | 240W | 225W/240W | DDR4-3200 |
| AMD 7F32 100-000000139 | ROME | SP3 | B0 PR | 128MB | 8 / 16 | 3.70 | 3.90 | 180W | 165W/200W | DDR4-3200 |
| AMD 7742 100-000000053 | ROME | SP3 | B0 PR | 256MB | 64 / 128 | 2.25 | 3.40 | 225W | 225W/240W | DDR4-3200 |
| AMD 7702 100-000000038 | ROME | SP3 | B0 PR | 256MB | 64 / 128 | 2.00 | 3.35 | 200W | 165W/200W | DDR4-3200 |
| AMD 7662 100-000000137 | ROME | SP3 | B0 PR | 256MB | 64 / 128 | 2.00 | 3.30 | 225W | 225W/240W | DDR4-3200 |
| AMD 7642 100-000000074 | ROME | SP3 | B0 PR | 192MB | 48 / 96 | 2.30 | 3.40 | 225W | 225W/240W | DDR4-3200 |
| AMD 7552 100-000000076 | ROME | SP3 | B0 PR | 192MB | 48 / 96 | 2.20 | 3.30 | 200W | 165W/200W | DDR4-3200 |
| AMD 7542 100-000000075 | ROME | SP3 | B0 PR | 128MB | 32 / 64 | 2.90 | 3.40 | 225W | 225W/240W | DDR4-3200 |
| AMD 7532 100-000000136 | ROME | SP3 | B0 PR | 256MB | 32 / 64 | 2.40 | 3.30 | 200W | 180W/200W | DDR4-3200 |
| AMD 7502 100-000000054 | ROME | SP3 | B0 PR | 128MB | 32 / 64 | 2.50 | 3.35 | 180W | 165W/200W | DDR4-3200 |
| AMD 7452 100-000000057 | ROME | SP3 | B0 PR | 128MB | 32 / 64 | 2.35 | 3.35 | 155W | 155W/180W | DDR4-3200 |
| AMD 7402 100-000000046 | ROME | SP3 | B0 PR | 128MB | 24 / 48 | 2.80 | 3.35 | 180W | 165W/200W | DDR4-3200 |
| AMD 7352 100-000000077 | ROME | SP3 | B0 PR | 128MB | 24 / 48 | 2.30 | 3.20 | 155W | 155W/180W | DDR4-3200 |
| AMD 7302 100-000000043 | ROME | SP3 | B0 PR | 128MB | 16 / 32 | 3.00 | 3.30 | 155W | 155W/180W | DDR4-3200 |
| AMD 7282 100-000000078 | ROME | SP3 | B0 PR | 64MB | 16 / 32 | 2.80 | 3.20 | 120W | 120W/150W | DDR4-3200 |
| AMD 7272 100-000000079 | ROME | SP3 | B0 PR | 64MB | 12 / 24 | 2.90 | 3.20 | 120W | 120W/150W | DDR4-3200 |
| AMD 7262 100-000000041 | ROME | SP3 | B0 PR | 128MB | 8 / 16 | 3.20 | 3.40 | 155W | 155W/180W | DDR4-3200 |
| AMD 7252 100-000000080 | ROME | SP3 | B0 PR | 64MB | 8 / 16 | 3.10 | 3.20 | 120W | 120W/150W | DDR4-3200 |
| AMD 7702P 100-000000047 | ROME | SP3 | B0 PR | 256MB | 64 / 128 | 2.00 | 3.35 | 200W | 165W/200W | DDR4-3200 |
| AMD 7502P 100-000000045 | ROME | SP3 | B0 PR | 128MB | 32 / 64 | 2.50 | 3.35 | 180W | 165W/200W | DDR4-3200 |
| AMD 7402P 100-000000048 | ROME | SP3 | B0 PR | 128MB | 24 / 48 | 2.80 | 3.35 | 180W | 165W/200W | DDR4-3200 |
| AMD 7302P 100-000000049 | ROME | SP3 | B0 PR | 128MB | 16 / 32 | 3.00 | 3.30 | 155W | 155W/180W | DDR4-3200 |
| AMD 7232P 100-000000081 | ROME | SP3 | B0 PR | 32MB | 8 / 16 | 3.10 | 3.20 | 120W | 120W/150W | DDR4-3200 |
| Product Name | Code Name | Package | Stepping | L3 Cache | # of Cores / Threads | Processor Base Freq (GHz) | Processor Boost Max Freq (GHz) | Default TDP | cTDP Min / cTDP Max | Memory Types |
| AMD 7763 100-000000312 | Milan | SP3 | PR | 256MB | 64 / 128 | 2.45 | 3.50 | 280W | 225W/280W | DDR4-3200 |
| AMD 7713 100-000000344 | Milan | SP3 | PR | 256MB | 64 / 128 | 2.00 | 3.675 | 225W | 225W/240W | DDR4-3200 |
| AMD 7663 100-000000318 | Milan | SP3 | PR | 256MB | 56 / 112 | 2.00 | 3.50 | 240W | 225W/240W | DDR4-3200 |
| AMD 7643 100-000000326 | Milan | SP3 | PR | 256MB | 48 / 96 | 2.30 | 3.60 | 225W | 225W/240W | DDR4-3200 |
| AMD 75F3 100-000000313 | Milan | SP3 | PR | 256MB | 32 / 64 | 2.95 | 4.00 | 280W | 225W/280W | DDR4-3200 |
| AMD 7543 100-000000345 | Milan | SP3 | PR | 256MB | 32 / 64 | 2.80 | 3.70 | 225W | 225W/240W | DDR4-3200 |
| AMD 7513 100-000000334 | Milan | SP3 | PR | 128MB | 32 / 64 | 2.60 | 3.65 | 200W | 165W/200W | DDR4-3200 |
| AMD 74F3 100-000000317 | Milan | SP3 | PR | 256MB | 24 / 48 | 3.20 | 4.00 | 240W | 225W/240W | DDR4-3200 |
| AMD 7443 100-000000340 | Milan | SP3 | PR | 128MB | 24 / 48 | 2.85 | 4.00 | 200W | 165W/200W | DDR4-3200 |
| AMD 7413 100-000000323 | Milan | SP3 | PR | 128MB | 24 / 48 | 2.65 | 3.60 | 180W | 165W/200W | DDR4-3200 |
| AMD 73F3 100-000000321 | Milan | SP3 | PR | 256MB | 16 / 32 | 3.50 | 4.00 | 240W | 225W/240W | DDR4-3200 |
| AMD 7343 100-000000338 | Milan | SP3 | PR | 128MB | 16 / 32 | 3.20 | 3.90 | 190W | 165W/200W | DDR4-3200 |
| AMD 7313 100-000000329 | Milan | SP3 | PR | 128MB | 16 / 32 | 3.00 | 3.70 | 155W | 155W/180W | DDR4-3200 |
| AMD 72F3 100-000000327 | Milan | SP3 | PR | 256MB | 8 / 16 | 3.70 | 4.10 | 180W | 165W/200W | DDR4-3200 |
| AMD 7713P 100-000000337 | Milan | SP3 | PR | 256MB | 64 / 128 | 2.00 | 3.675 | 225W | 225W/240W | DDR4-3200 |
| AMD 7543P 100-000000341 | Milan | SP3 | PR | 256MB | 32 / 64 | 2.80 | 3.70 | 225W | 225W/240W | DDR4-3200 |
| AMD 7443P 100-000000342 | Milan | SP3 | PR | 128MB | 24 / 48 | 2.85 | 4.00 | 200W | 165W/200W | DDR4-3200 |
| AMD 7313P 100-000000339 | Milan | SP3 | PR | 128MB | 16 / 32 | 3.00 | 3.70 | 155W | 155W/180W | DDR4-3200 |

Memory (Memory actually maximum frequency will follow memory controller's spec of CPU you used)

| Product Name | Memory Type | Module Supplier | Size | Chip Brand | Rank | Voltage | Data Transfer Rate | Error Correction | CAS Latency | Pins |
|-------------------------|-------------|-----------------|------|----------------|------|---------|--------------------|------------------|-------------|---------|
| RDIMM | | | | | | | | | | |
| M393A2K43DB2-CVFBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A8G40AB2-CVFBY | DDR4 | Samsung | 64GB | Samsung-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| KSM29RD4/32HDR | DDR4 | Kingston | 32GB | SKhynix-Rambus | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| HMA81GR7CJR8N-WM TG | DDR4 | SKhynix | 8GB | SKhynix-IDT | 1Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT16G4RFD8293.18FE1 | DDR4 | CRUCIAL | 16GB | Micron | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT16G4RFD8293-2G9E1.001 | DDR4 | CRUCIAL | 16GB | Micron | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA18ASF2G72PDZ.2G9E1UG | DDR4 | Micron | 16GB | Micron-Rambus | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA18ASF2G72PDZ.2G9E1VG | DDR4 | Micron | 16GB | Micron-IDT | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT8G4RFS8293.9FE1 | DDR4 | CRUCIAL | 8GB | Micron | 1Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT8G4RFS8293-2G9E1.001 | DDR4 | CRUCIAL | 8GB | Micron | 1Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA9ASF1G72PZ.2G9E1VG | DDR4 | Micron | 8GB | Micron-IDT | 1Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA9ASF1G72PZ.2G9E1UG | DDR4 | Micron | 8GB | Micron-Rambus | 1Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA9ASF1G72PZ.2G9E1TI | DDR4 | Micron | 8GB | Micron-Montage | 1Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A2K43CB2-CVFBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A4K40CB2-CVFBQ | DDR4 | Samsung | 32GB | Samsung-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A8G40MB2-CVFBY | DDR4 | Samsung | 64GB | Samsung-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT32G4RFD4293-2G9E2.001 | DDR4 | CRUCIAL | 32GB | Micron | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT32G4RFD4293.36FE2 | DDR4 | CRUCIAL | 32GB | Micron | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA36ASF4G72PZ.2G9E2TG | DDR4 | Micron | 32GB | Micron-Montage | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA36ASF4G72PZ.2G9E2VG | DDR4 | Micron | 32GB | Micron-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA36ASF4G72PZ.2G9E2UG | DDR4 | Micron | 32GB | Micron-Rambus | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| HMA84GR7CJR4N-WM TG | DDR4 | SKhynix | 32GB | SKhynix-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |

| | | | | | | | | | | |
|--|------|----------|------|-----------------|------|------|---------|----------------|----|---------|
| HMAA8GR7MJR4N-WM T4 | DDR4 | SKhynix | 64GB | SKhynix-Montage | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| KSM29RD4/32MEI | DDR4 | Kingston | 32GB | Micron-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| KSM29RD8/16MEI | DDR4 | Kingston | 16GB | Micron-IDT | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT64G4RFD4293-2G9B2.001 | DDR4 | Crucial | 64GB | Micron-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA36ASF8G72PZ-2G9B2VI | DDR4 | Crucial | 64GB | Micron-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA18ASF2G72PDZ-2G9J3VI | DDR4 | Micron | 16GB | Micron-IDT | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA18ASF2G72PDZ-2G9J3TI | DDR4 | Micron | 16GB | Micron-Montage | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A2K40DB2-CVFBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 1Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A4K40DB2-CVFBQ | DDR4 | Samsung | 32GB | Samsung-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA9ASF2G72PZ-2G9E1UI | DDR4 | Micron | 16GB | Micron-Rambus | 1Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA18ASF4G72PDZ-2G9E1TI | DDR4 | Micron | 32GB | Micron-Montage | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA36ASF8G72PZ-2G9E1TI | DDR4 | Micron | 64GB | Micron-Montage | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA36ASF4G72PZ-2G9J3TI | DDR4 | Micron | 32GB | Micron-Montage | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| KSM29RD8/16HDR | DDR4 | Kingston | 16GB | SKhynix-Rambus | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| KSM32RD8/16HDR | DDR4 | Kingston | 16GB | SKhynix-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA81GR7CJR8N-XN TG | DDR4 | SKhynix | 8GB | SKhynix-IDT | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA82GR7CJR8N-XN T4 | DDR4 | SKhynix | 16GB | SKhynix | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA82GR7CJR8N-XN T8 | DDR4 | SKhynix | 16GB | SKhynix | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA82GR7CJR8N-XN TG | DDR4 | SKhynix | 16GB | SKhynix | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA84GR7CJR4N-XN T8 | DDR4 | SKhynix | 32GB | SKhynix | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA84GR7CJR4N-XN T4 | DDR4 | SKhynix | 32GB | SKhynix | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA84GR7CJR4N-XN TG | DDR4 | SKhynix | 32GB | SKhynix | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMAA8GR7AJR4N-XN TG | DDR4 | SKhynix | 64GB | SKhynix-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT8G4RFS832A.9FE1 | DDR4 | Crucial | 8GB | Micron | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT8G4RFS832A-3G2E1.001 | DDR4 | Crucial | 8GB | Micron | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA9ASF1G72PZ.3G2E1VG | DDR4 | Micron | 8GB | Micron | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT16G4RFD832A.18FE1 | DDR4 | Crucial | 16GB | Micron-IDT | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PDZ.3G2E1VG | DDR4 | Micron | 16GB | Micron-IDT | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT16G4RFS432A.18FE1 | DDR4 | Crucial | 16GB | Micron-IDT | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT16G4RFS432A-3G2E1.001 | DDR4 | Crucial | 16GB | Micron-IDT | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PZ.3G2E1VG | DDR4 | Micron | 16GB | Micron-IDT | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT16G4RFD832A-3G2E1.001 | DDR4 | Crucial | 16GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PDZ-3G2E1UK | DDR4 | Micron | 16GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT32G4RFD432A.36FE2 (3200MHz only support on 1DPC) | DDR4 | Crucial | 32GB | Micron-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |

| | | | | | | | | | | |
|---|------|----------|-------|---------------------------------|--------|------|---------|----------------|----|---------|
| CT32G4RFD432A-3G2E2.001 (3200MHz only support on 1DPC) | DDR4 | Crucial | 32GB | Micron-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF4G72PZ.3G2E2TG (3200MHz only support on 1DPC) | DDR4 | Micron | 32GB | Micron-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT32G4RFD432A-3G2E7.001 | DDR4 | Crucial | 32GB | Micron-Montage or Micron-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT32G4RFD432A.36FE7 | DDR4 | Crucial | 32GB | Micron-Montage or Micron-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF4G72PZ.3G2E7VI | DDR4 | Micron | 32GB | Micron-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF4G72PZ.3G2E7TI | DDR4 | Micron | 32GB | Micron-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A2K40DB2-CWEBQ (3200MHz only support on 1DPC) | DDR4 | Samsung | 16GB | Samsung-IDT | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A2K43DB2-CWEBQ (3200MHz only support on 1DPC) | DDR4 | Samsung | 16GB | Samsung-IDT | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A2K43DB3-CWEBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A2K40DB3-CWEGQ | DDR4 | Samsung | 16GB | Samsung-Rambus | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A2K40DB3-CWEBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A2K40DB3-CWECQ | DDR4 | Samsung | 16GB | Samsung- | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A4K40DB2-CWEBQ (3200MHz only support on 1DPC) | DDR4 | Samsung | 32GB | Samsung-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A4K40DB3-CWECQ | DDR4 | Samsung | 32GB | Samsung-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A4K40DB3-CWEBQ | DDR4 | Samsung | 32GB | Samsung-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A4K40DB3-CWEGQ | DDR4 | Samsung | 32GB | Samsung-Rambus | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A8G40AB2-CWEBQ | DDR4 | Samsung | 64GB | Samsung-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| TR416G32S422-XNC | DDR4 | V-color | 16GB | SKhynix-Rambus | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| KSM32RD8/16MEI | DDR4 | Kingston | 16GB | Micron-IDT | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| KSM32RD4/32MEI | DDR4 | Kingston | 32GB | Micron-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| AD4R3200316G22-BSSC | DDR4 | ADATA | 16GB | Samsung-IDT | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| CT64G4RFD432A-3G2B2.001 | DDR4 | Crucial | 64GB | Micron | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF8G72PZ.3G2B2TI | DDR4 | Micron | 64GB | Micron | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF4G72PDZ.3G2B2TI | DDR4 | Micron | 32GB | Micron-Montage | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA82GR7DJR8N-XN T8 | DDR4 | SKhynix | 16GB | SKhynix-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA84GR7DJR4N-XN T4 | DDR4 | SKhynix | 32GB | SKhynix-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF4G72PZ.3G2J3UI | DDR4 | Micron | 32GB | Micron-Rambus | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| KSM32RS8/8MEI | DDR4 | Kingston | 8GB | MICRON-IDT | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393AAG40M32-CAEBQ | DDR4 | Samsung | 128GB | Samsung | 2S2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PZ.3G2E2TI | DDR4 | Micron | 16GB | Micron-Montage | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PDZ.3G2J3UI | DDR4 | Micron | 16GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA9ASF2G72PZ.3G2E1TI | DDR4 | Micron | 16GB | Micron-Montage | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF4G72PDZ.3G2E1UI | DDR4 | Micron | 32GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF4G72PDZ.3G2E1TI | DDR4 | Micron | 32GB | Micron-Montage | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF4G72PDZ.3G2E1V1 | DDR4 | Micron | 32GB | Micron | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF8G72PZ.3G2E1VI | DDR4 | Micron | 64GB | Micron-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |

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|---------------------|------|----------|------|-----------------|------|------|---------|----------------|----|---------|
| AD4R3200716G22-BHYA | DDR4 | ADATA | 16GB | SKhynix-Montage | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| KSM32RD4/32HDR | DDR4 | Kingston | 32GB | SKhynix-Rambus | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA82GR7DJR8N-XN TG | DDR4 | SKhynix | 16GB | SKhynix-IDT | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMAA8GR7CJR4N-XN TG | DDR4 | SKhynix | 64GB | SKhynix-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMAA8GR7CJR4N-XN T4 | DDR4 | SKhynix | 64GB | SKhynix-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMAA8GR7CJR4N-XN T8 | DDR4 | SKhynix | 64GB | SKhynix-Rambus | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| KSM32RS4/32MER | DDR4 | Kingston | 32GB | Micron-Rambus | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| KSM32RS8/16MER | DDR4 | Kingston | 16GB | Micron-Rambus | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |

LRDIMM

| | | | | | | | | | | |
|--------------------|------|---------|-------|-------------|-------|------|---------|----------------|----|---------|
| M386A8K40CM2-CVFBY | DDR4 | Samsung | 64GB | Samsung-IDT | 4DRx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M386A8K40DM2-CWELQ | DDR4 | Samsung | 64GB | Samsung-IDT | 4DRx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M386AAG40MMB-CVFC0 | DDR4 | Samsung | 128GB | Samsung | 4DRx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |

Seagate HDD (SAS HDD may need RAID Card support)

| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |
|-------------------------------------|------|---------|-------------|--------|----------|-----------------|---------------------------------------|-------|------|------------|
| Seagate Enterprise Capacity 2.5 HDD | | | | | | | | | | |
| ST1000NX0303 | SATA | Seagate | 2.5" | 4Kn | 1TB | 6Gb/s | EXOS 7E2000 | 128MB | 7200 | N/A |
| ST2000NX0243 | SATA | Seagate | 2.5" | 4Kn | 2TB | 6Gb/s | Exos 7E2000 (Enterprise Capacity V.3) | 128MB | 7200 | N/A |

SATA/SAS SSD

| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | FW | Note |
|--|------|----------|-------------|-----------|----------|-----------------|----|------|
| SATA/SAS SSD | | | | | | | | |
| MTFDDAK1T9TDN-1AT1ZABYY (5200 MAX) | SSD | Micron | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| MZ-7LH1T9NE 883 DCT Series | SSD | Samsung | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| SSDSC2KG019T8 D3-S4610 Series | SSD | Intel | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| SSDSC2KB019T8 D3-S4510 Series | SSD | Intel | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| XA960LE10063 | SSD | Seagate | 2.5" | SATA | 960GB | 6Gb/s | | |
| XA480LE10063 | SSD | Seagate | 2.5" | SATA | 480GB | 6Gb/s | | |
| SEDC500M/3840G DC500M Series | SSD | Kingston | 2.5" | SATA | 3.84TB | 6Gb/s | | |
| SEDC500M/1920G DC500M Series | SSD | Kingston | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| SEDC500M/960G DC500M Series | SSD | Kingston | 2.5" | SATA | 960GB | 6Gb/s | | |
| SEDC500M/480G DC500M Series | SSD | Kingston | 2.5" | SATA | 480GB | 6Gb/s | | |
| ASR1100SS-240GT-B | SSD | Adata | 2.5" | SATA | 240GB | 6Gb/s | | |
| KHK61RSE960G | SSD | Toshiba | 2.5" | SATA | 960GB | 6Gb/s | | |
| MTFDDAK3T8TDS-1AW1ZABYY (5300 PRO) | SSD | Micron | 2.5" | SATA | 3.84TB | 6Gb/s | | |
| MTFDDAK1T9TDS-1AW1ZABYY (5300 PRO) | SSD | Micron | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| XS960SE70084 Nytro 3332 Series | SSD | Seagate | 2.5" | SAS | 960GB | 12Gb/s | | |
| SSB1K9GTLCG-D2-SME520GBT SME520 Series | SSD | Phison | 2.5" | SATA | 1.92TB | 6Gb/s | | |

PCIe SSD

| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | Note |
|---|------|---------|-------------|------------|----------|-----------------|------|
| PCIe SSD | | | | | | | |
| Netlist N1951 E3 NS1951AH33T2 Gen3 x8 3.2TB | PCIe | Netlist | PCI-E 3.0 | PCIe(NVMe) | 3.2TB | - | |
| SSDPEDKX040T701 P4500 Series PCIe Gen3 x4 4TB | PCIe | Intel | PCI-E 3.0 | PCIe(NVMe) | 4TB | - | |
| Samsung PM1725a MZPLL1T6HEHP PCIe Gen3 x8 1.6TB | PCIe | Samsung | PCI-E 3.0 | PCIe(NVMe) | 1.6TB | - | |
| Netlist N1951 E3 NS1951AH33T2 Gen3 x8 3.2TB | PCIe | Netlist | PCI-E 3.0 | PCIe(NVMe) | 3.2TB | - | |
| Samsung PM1725b MZPLL3T2HAJQ PCIe Gen3 x8 3.2TB | PCIe | Samsung | PCI-E 3.0 | PCIe(NVMe) | 3.2TB | - | |

U.2

| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | Note |
|--------------|------|--------|-------------|-----------|----------|-----------------|------|
|--------------|------|--------|-------------|-----------|----------|-----------------|------|

| U.2 | | | | | | | | | |
|--|-----------------|---------------------------|-------------|---------------|-------------------|-------------------------|----------------------------------|-------------------------------|--|
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | Note | | |
| SSDPE2KE032T801 P4610 Series | U.2 | Intel | 2.5" | SFF8639(NVMe) | 3.2TB | - | | | |
| SSDPE2KX020T801 P4510 Series | U.2 | Intel | 2.5" | SFF8639(NVMe) | 2TB | - | | | |
| MZWLL3T2HAJQ PM1725b Series | U.2 | Samsung | 2.5" | SFF8639(NVMe) | 3.2TB | - | | | |
| MZ-OLB1T9N 983 DCT Series | U.2 | Samsung | 2.5" | SFF8639(NVMe) | 1.92TB | - | | | |
| MTFDHAL3T2TCU 9200 Series | U.2 | Micron | 2.5" | SFF8639(NVMe) | 3.2TB | - | | | |
| KCD51LUG960G CD5 Series | U.2 | Toshiba | 2.5" | SFF8639(NVMe) | 960GB | - | | | |
| PS5012-E12 | U.2 | PHISON | 2.5" | SFF8639(NVMe) | 1.92TB | - | | | |
| P34UTM-03T2U-ST DERA D5457 Series | U.2 | DERA | 2.5" | SFF8639(NVMe) | 3.2TB | Gen3 x4 | | | |
| PWFX100 3.2TB | U.2 | PHISON | 2.5" | SFF8639(NVMe) | 3.2TB | PCIe Gen3 x4 | | | |
| M.2 | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | Note | | |
| M.2 | | | | | | | | | |
| SSDPELKX010T801 P4511 Series 1TB | M.2 | Intel | 22110 | PCIe(NVMe) | 1TB | - | | | |
| SSDPEKKA010T801 P4101 Series 1TB | M.2 | Intel | 2280 | PCIe(NVMe) | 1TB | - | | | |
| SSDPEKKA256G801 P4101 Series 256GB | M.2 | Intel | 2280 | PCIe(NVMe) | 256GB | - | | | |
| MZVPV512HDGL | M.2 | Samsung | 2280 | PCIe(NVMe) | 512GB | - | | | |
| MZ-1LB960N 983 DCT Series | M.2 | Samsung | 22110 | PCIe(NVMe) | 960GB | - | | | |
| MZ-1LB1T9N 983 DCT Series | M.2 | Samsung | 22110 | PCIe(NVMe) | 1.92TB | - | | | |
| EPX-KW960 EPX Series | M.2 | LITE-ON | 22110 | PCIe(NVMe) | 960GB | - | | | |
| IM2P33F8-256GD | M.2 | ADATA | 2280 | PCIe(NVMe) | 256GB | - | | | |
| IM2P33F8-512GD | M.2 | ADATA | 2280 | PCIe(NVMe) | 512GB | - | | | |
| AF960GSTJA-YT1 ATP 960GB | M.2 | ATP | 2280 | PCIe(NVMe) | 960GB | - | | | |
| IM2P33F8-256GD1 | M.2 | ADATA | 2280 | PCIe(NVMe) | 256GB | - | | | |
| IM2P33F8-512GD1 | M.2 | ADATA | 2280 | PCIe(NVMe) | 512GB | - | | | |
| GPGPU Card (GPGPU server only) | | | | | | | | | |
| Product Name | Processor Cores | Memory Bandwidth (GB/sec) | VRAM | OpenGL | Microsoft DirectX | Graphics Card Power (W) | NVIDIA SLI / AMD CrossFire Ready | Note | |
| NVIDIA Tesla (http://www.nvidia.com/object/tesla-supercomputing-solutions.html) | | | | | | | | | |
| T4 (TURING) | 2560 | 320 GB/s | 16GB | | | 70 W | - | (Maximum support 3pcs GPGPU) | |
| RAID Cards | | | | | | | | | |

| Model | RAID-on-Chip Controller | Host Bus Type | Internal Ports | Internal Connectors | External Ports | External Connectors | Data Transfer Rates | Note |
|--|-------------------------|--------------------------|----------------|---------------------|--|---------------------|---------------------|------|
| GIGABYTE Storage Cards | | | | | | | | |
| CSA3548 | LSI SAS 3008 | PCIe- x8 Gen3 x8 bus | - | - | 2 x external 8 Mini-SAS HD SFF8644 | | 12Gb/s ports | |
| LAN Cards | | | | | | | | |
| Product Name | Connector | System Interface Type | # of Ports | Data Rate | Note | | | |
| GIGABYTE LAN Cards | | | | | | | | |
| CLNO832 | SFP+ | DCP PCIe x8 Gen2 x8 | Dual | 10Gb/s per port | INTEL 82599ES Support OCP 2.0 type1 | | | |
| CLNOQ42 | SFP28 | DCP PCIe x8 | Dual | 25Gb/s per port | Qlogic (Cavium) QL41401-A2G Support OCP 2.0 | | | |
| CLNO222 | RJ-45 | DCP PCIe Gen3 x4 | Dual | 10Gb/s per port | INTEL X550-AT2 | | | |
| CLN4752 | QSFP+ | PCIe x8 Gen3 x8 | Dual | 40Gb/s per port | INTEL XL710 | | | |
| CLN4224 | RJ-45 | PCIe x8 Gen3 x4 | Quad | 10Gb/s per port | INTEL X550-AT2 | | | |
| CLN4M34 | SFP28 | PCIe Gen3 x16 | Quad | 10Gb/s per port | Mellanox ConnectX-4 | | | |
| CLN4M32 | SFP28 | PCIe Gen3 x16 | Dual | 10Gb/s per port | Mellanox ConnectX-4 | | | |
| Intel_10GbE | | | | | | | | |
| Intel® Ethernet Converged Network Adapter X550-T2 | RJ-45 | PCIe v3.0 (8.0 GT/s) | Dual | 10Gb/s per port | | | | |
| Intel_25GbE | | | | | | | | |
| Intel® Ethernet Network Adapter XXV710-DA1 for OCP | SFP28 | DCP PCIe v3.0 (8.0 GT/s) | Single | 25Gb/s per port | Support OCP 2.0 type1 | | | |
| Intel® Ethernet Network Adapter XXV710-DA2 for OCP | SFP28 | DCP PCIe v3.0 (8.0 GT/s) | Dual | 25Gb/s per port | Support OCP 2.0 type1 | | | |
| Intel® Ethernet Network Adapter XXV710-DA2 | SFP28 | PCIe v3.0 (8.0 GT/s) | Dual | 25Gb/s per port | | | | |
| Intel_40GbE | | | | | | | | |
| Intel® Ethernet Server Adapter XL710-QDA2 for OCP | QSFP+ | DCP PCIe v3.0 (8.0 GT/s) | Dual | 40Gb/s per port | Support OCP 2.0 | | | |
| Intel® Ethernet Converged Network Adapter XL710-QDA2 | QSFP+ | PCIe v3.0 (8.0 GT/s) | Dual | 40Gb/s per port | | | | |
| Intel_100GbE | | | | | | | | |
| Intel® Ethernet Network Adapter E810-CQDA2 | QSFP28 | PCIe Gen4 x16 | Dual | 100Gb/s per port | | | | |
| Mellanox ConnectX | | | | | | | | |
| MCX516A-CCAT | QSFP28 | PCIe Gen3 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-5 EN | | | |
| MCX515A-CCAT | QSFP28 | PCIe Gen3 x16 | Single | 100Gb/s per port | Mellanox ConnectX-5 EN | | | |
| MCX516A-CDAT | QSFP28 | PCIe 4.0 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-5 Ex EN | | | |
| MCX516A-BDAT | QSFP28 | PCIe 4.0 x16 | Dual | 40Gb/s per port | Mellanox ConnectX-5 Ex EN | | | |
| MCX4421A-ACQN | SFP28 | DCP PCIe Gen3 x8 | Dual | 25Gb/s per port | Mellanox ConnectX-4 Lx EN / Support OCP 2.0 | | | |
| MCX4121A-ACAT | SFP28 | PCIe Gen3 x8 | Dual | 25Gb/s per port | Mellanox ConnectX-4 Lx EN | | | |
| Mellanox VPI Adapter Cards | | | | | | | | |
| MCX653105A-ECAT | QSFP56 | PCIe 4.0 x16 | Single | 100Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) | | | |
| MCX653105A-HDAT | QSFP56 | PCIe 4.0 x16 | Single | 200Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) | | | |
| MCX653106A-ECAT | QSFP56 | PCIe 4.0 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) | | | |
| MCX653106A-HDAT | QSFP56 | PCIe 4.0 x16 | Dual | 200Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) | | | |
| MCX556A-EDAT | QSFP28 | PCIe 4.0 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-5 Ex VPI (InfiniBand) | | | |
| MCX556A-ECAT | QSFP28 | PCIe 3.0 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-5 VPI (InfiniBand) | | | |
| MCX555A-ECAT | QSFP28 | PCIe 3.0 x16 | Single | 100Gb/s per port | Mellanox ConnectX-5 VPI (InfiniBand) | | | |
| MCX456A-ECAT | QSFP28 | PCIe3.0 x16 | Dual | EDR IB (100Gb/s) | Mellanox ConnectX®-4 VPI EDR IB (InfiniBand) | | | |
| MCX545B-ECAN | QSFP | DCP PCIe 3.0 x16 | Single | EDR IB (100Gb/s) | Mellanox ConnectX®-5 VPI EDR IB (InfiniBand) | | | |
| Qlogic LAN Adapters | | | | | | | | |

| | | | | | |
|--|--------|-------------------|----------|------------------|----------------------------------|
| QL45611HLCU | QSFP28 | PCIe x16 Gen3 x16 | Single | 100Gb/s per port | |
| QLE3442-RJ-CK | RJ-45 | PCIe x8 Gen3 x8 | Dual | 10Gb/s per port | |
| Broadcom (Emulex) Ethernet Networking Adapters | | | | | |
| BCM957508-P2100G | QSFP56 | PCIe 4.0 x16 | Dual | 100Gb/s per port | BCM57508 |
| BCM957414A4142CC | SFP28 | PCIe 3.0 x8 | Dual | 25Gb/s per port | BCM57414 |
| BCM957414M4142C | SFP28 | QCP PCIe 3.0 x8 | Dual | 25Gb/s per port | BCM57414 / Support OCP 2.0 type1 |
| Broadcom FC Host Bus Adapter | | | | | |
| LPe32002-M2 | SFP+ | PCIe 3.0 x8 | Dual | 32Gb/s per port | XE501 controller |
| Solarflare Onload Server Adapters | | | | | |
| SFN8522-PLUS | SFP+ | PCIe 3.1 x8 | Dual | 10Gb/s per port | |
| USB Device | | | | | |
| Product Name | Type | Vendor | Capacity | Note | |
| USB 3.0 | | | | | |
| PURE CLASSIC X176B1FWBO75 | HDD | Gigabyte | 500G | | |
| GoFlex STAA500305 | HDD | Seagate | 500G | | |
| TOSHIBA CANVIO BASIC | HDD | Toshiba | 500G | | |
| NA317U+ | Device | ineo | | | |
| SST-TS13 | Device | Silver Stone | | | |
| S1-DS3-Plus | Device | CyberSLIM | | | |
| MB981U3-1S | Device | ICYDOCK | | | |
| i310-SB3(6G) | Device | STARDOM | | | |