

"R282-Z93-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 | PD | 256MB | 64 / 128 | 2.60 | 3.40 | 280W | 225W/280W | 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 | PD | 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 | PD | 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 7F72 100-000000141 | ROME | SP3 | PD | 192MB | 24 / 48 | 3.20 | 3.70 | 240W | 225W/240W | 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 7F52 100-000000140 | ROME | SP3 | PD | 256MB | 16 / 32 | 3.50 | 3.90 | 240W | 225W/240W | 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 | DDR4-2666 |
| AMD 7272 100-000000079 | ROME | SP3 | PD | 64MB | 12 / 24 | 2.90 | 3.20 | 120W | 120W/150W | DDR4-2666 |
| AMD 7F32 100-000000139 | ROME | SP3 | B0 PR | 128MB | 8 / 16 | 3.70 | 3.90 | 180W | 165W/200W | 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 | PD | 64MB | 8 / 16 | 3.10 | 3.20 | 120W | 120W/150W | DDR4-2666 |
| 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 7453 100-000000319 | Milan | SP3 | PR | 64MB | 28 / 56 | 2.75 | 3.45 | 225W | 225W/240W | 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 |
| 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 7773X 100-000000504 | MilanX | SP3 | PR | 768MB | 64 / 128 | 2.20 | 3.50 | 280W | 225W/280W | DDR4-3200 |
| AMD 7573X 100-000000506 | MilanX | SP3 | PR | 768MB | 32 / 64 | 2.80 | 3.60 | 280W | 225W/280W | DDR4-3200 |
| AMD 7473X 100-000000507 | MilanX | SP3 | PR | 768MB | 24 / 48 | 2.80 | 3.70 | 240W | 225W/280W | DDR4-3200 |
| AMD 7373X 100-000000508 | MilanX | SP3 | PR | 768MB | 16 / 32 | 3.05 | 3.80 | 240W | 225W/280W | 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 | | | | | | | | | | |
| NT32GA72D4NBX3P-IX | DDR4 | Nanya | 32GB | Nanya-Montage or IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A2K43DB2-CVFBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A4K40DB2-CVFBQ | DDR4 | Samsung | 32GB | Samsung-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A8G40AB2-CVFBY | DDR4 | Samsung | 64GB | Samsung-IDT | 2Rx4 | 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 |
| MTA9ASF2G72PZ-2G9E1UI | DDR4 | Micron | 16GB | Micron-Rambus | 1Rx8 | 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 |
| MTA36ASF4G72PZ-2G9E2TI | DDR4 | Micron | 32GB | Micron-Montage | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |

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|-------------------------|------|---------|------|-----------------|------|------|---------|----------------|----|---------|
| 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 |
| MTA36ASF8G72PZ-2G9E1VI | DDR4 | Micron | 64GB | Micron-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 |
| 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 |
| M393A2K40CB2-CVFBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 1Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT16G4RFS4293.18FE1 | DDR4 | CRUCIAL | 16GB | Micron | 1Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT16G4RFS4293-2G9E1.001 | DDR4 | CRUCIAL | 16GB | Micron | 1Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA18ASF2G72PZ.2G9E1TK | DDR4 | Micron | 16GB | Micron-Montage | 1Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA18ASF2G72PZ.2G9E1VG | DDR4 | Micron | 16GB | Micron-IDT | 1Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| CT64G4RFD4293-2G9B1.001 | DDR4 | CRUCIAL | 64GB | Micron-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA36ASF8G72PZ-2G9B1VI | DDR4 | Micron | 64GB | Micron-IDT | 2Rx4 | 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 |
| MTA36ASF4G72PZ-2G9J3TI | DDR4 | Micron | 32GB | Micron-Montage | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| HMA82GR7DJR8N-XN T8 | DDR4 | SKhynix | 16GB | SKhynix-Rambus | 2Rx8 | 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 |

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|-------------------------|------|---------|------|-----------------|------|------|---------|----------------|----|---------|
| HMA84GR7DJR4N-XN T4 | DDR4 | SKhynix | 32GB | SKhynix-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| HMA84GR7DJR4N-XN TG | DDR4 | SKhynix | 32GB | SKhynix-IDT | 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 |
| HMAA8GR7AJR4N-XN T8 | DDR4 | SKhynix | 64GB | SKhynix-Rambus | 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 TG | DDR4 | SKhynix | 64GB | SKhynix-IDT | 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 |
| CT16G4RFD832A-3G2E1.001 | DDR4 | Crucial | 16GB | Micron-Rambus | 2Rx8 | 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 |
| MTA9ASF2G72PZ-3G2E1TI | DDR4 | Micron | 16GB | Micron-Montage | 1Rx8 | 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 |
| MTA18ASF4G72PDZ.3G2B2TI | DDR4 | Micron | 32GB | Micron-Montage | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF4G72PDZ-3G2B2TI | DDR4 | Micron | 32GB | Micron-Montage | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF4G72PZ-3G2J3UI | DDR4 | Micron | 32GB | Micron-Rambus | 2Rx4 | 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 |
| MTA36ASF4G72PZ-3G2R1UI | DDR4 | Micron | 32GB | Micron-Rambus | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF8G72PZ-3G2E1VI | DDR4 | Micron | 64GB | Micron-IDT | 2Rx4 | 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 |

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|-------------------------|------|----------|-------|-----------------|--------|------|---------|----------------|----|---------|
| M393A2K40DB3-CWECQ | DDR4 | Samsung | 16GB | Samsung- | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A2K40EB3-CWEGQ | DDR4 | Samsung | 16GB | Samsung-Rambus | 1Rx4 | 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-CWEBY | 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 |
| M393A4G40BB3-CWEGQ | DDR4 | Samsung | 32GB | Samsung-Rambus | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A4K40EB3-CWEGQ | DDR4 | Samsung | 32GB | Samsung-Rambus | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A4K40EB3-CWECQ | DDR4 | Samsung | 32GB | Samsung-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A4K40EB3-CWEBY | DDR4 | Samsung | 32GB | Samsung-IDT | 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 |
| M393A8G40AB2-CWEBY | DDR4 | Samsung | 64GB | Samsung-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A8G40BB4-CWEBY | DDR4 | Samsung | 64GB | Samsung-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393AAG40M32-CAEBQ | DDR4 | Samsung | 128GB | Samsung | 2S2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393AAG40M32-CAEBY | DDR4 | Samsung | 128GB | Samsung | 2S2Rx4 | 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 |
| KSM32RD8/16HDR | DDR4 | Kingston | 16GB | SKhynix-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| KSM32RS8/16MER | DDR4 | Kingston | 16GB | Micron-Rambus | 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 |
| KSM32RS4/32MER | DDR4 | Kingston | 32GB | Micron-Rambus | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PDZ-3G2R1TI | DDR4 | Micron | 16GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PDZ-3G2R1UI | DDR4 | Micron | 16GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PDZ-3G2R1VI | DDR4 | Micron | 16GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF4G72PDZ-3G2F1VI | DDR4 | Micron | 32GB | Micron-IDT | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF4G72PDZ-3G2F1UI | DDR4 | Micron | 32GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF8G72PZ-3G2F1VI | DDR4 | Micron | 64GB | Micron-IDT | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA36ASF8G72PZ-3G2F1TI | DDR4 | Micron | 64GB | Micron-Montage | 2Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |

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|------------------------|------|----------|------|----------------|------|------|---------|----------------|----|---------|
| MTA9ASF1G72PZ-3G2R1VI | DDR4 | Micron | 8GB | Micron-IDT | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA9ASF1G72PZ-3G2R1TI | DDR4 | Micron | 8GB | Micron-IDT | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PZ-3G2R1UI | DDR4 | Micron | 16GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF2G72PZ-3G2R1TI | DDR4 | Micron | 16GB | Micron-Montage | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA9ASF2G72PZ-3G2F1UI | DDR4 | Micron | 16GB | Micron-Rambus | 1Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF4G72PZ-3G2F1TI | DDR4 | Micron | 32GB | Micron-Montage | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| MTA18ASF4G72PZ-3G2F1UI | DDR4 | Micron | 32GB | Micron-Rambus | 1Rx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| M393A2K43EB3-CWEBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| KSM32RD8/16MRR | DDR4 | Kingston | 16GB | Micron-Rambus | 2Rx8 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |
| KSM32RD4/32MRR | DDR4 | Kingston | 32GB | Micron-Rambus | 2Rx4 | 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 |
| M386AAG40MMB-CVFC0 | DDR4 | Samsung | 128GB | Samsung | 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 |
| M386A8K40DM2-CWEZY | DDR4 | Samsung | 64GB | Samsung-IDT | 4DRx4 | 1.2v | 3200MHz | ECC Registered | 22 | 288-pin |

HDD (If the system build-in with RAID card ,please refer to RAID card QVL list)

| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |
|--------------|------|--------|-------------|--------|----------|-----------------|--------|-------|-----|------------|
|--------------|------|--------|-------------|--------|----------|-----------------|--------|-------|-----|------------|

Seagate Enterprise Capacity 2.5 HDD

| | | | | | | | | | | |
|--------------|------|---------|------|-----|-----|-------|---------------------------------------|-------|------|-----|
| ST2000NX0243 | SATA | Seagate | 2.5" | 4Kn | 2TB | 6Gb/s | Exos 7E2000 (Enterprise Capacity V.3) | 128MB | 7200 | N/A |
|--------------|------|---------|------|-----|-----|-------|---------------------------------------|-------|------|-----|

Seagate Enterprise Capacity 3.5 HDD

| | | | | | | | | | | |
|---------------|------|---------|------|----------|------|--------|--------------------------------|-------|------|-----|
| ST14000NM0018 | SATA | Seagate | 3.5" | 512e | 14TB | 6Gb/s | Exos X14 (Enterprise Capacity) | 256MB | 7200 | N/A |
| ST8000NM000A | SATA | Seagate | 3.5" | 512e | 8TB | 6Gb/s | EXOS 7E8 | 256MB | 7200 | N/A |
| ST8000NM001A | SAS | Seagate | 3.5" | 512e | 8TB | 12Gb/s | EXOS 7E8 | 256MB | 7200 | N/A |
| ST16000NM001G | SATA | Seagate | 3.5" | 512e/4Kn | 16TB | 6Gb/s | EXOS X16 | 256MB | 7200 | N/A |
| ST10000NM017B | SATA | Seagate | 3.5" | 512e | 10TB | 6Gb/s | EXOS 7E10 | 256MB | 7200 | N/A |
| ST18000NM000J | SATA | Seagate | 3.5" | 512e/4Kn | 18TB | 6Gb/s | EXOS X18 | 256MB | 7200 | N/A |
| ST20000NM007D | SATA | Seagate | 3.5" | 512e/4Kn | 20TB | 6Gb/s | EXOS X20 | 256MB | 7200 | N/A |

WD Enterprise Hard Drives

| | | | | | | | | | | |
|-----------------|------|----|------|------|------|-------|---------------------|-------|------|-----|
| WUS721010ALE6L4 | SATA | WD | 3.5" | 512e | 10TB | 6Gb/s | Ultrastar® DC HC330 | 256MB | 7200 | N/A |
|-----------------|------|----|------|------|------|-------|---------------------|-------|------|-----|

Toshiba Enterprise Hard Drives

| | | | | | | | | | | |
|-------------|------|---------|------|------|------|--------|----------|-------|------|-----|
| MG07ACA14TE | SATA | Toshiba | 3.5" | 512e | 14TB | 6Gb/s | Capacity | 256MB | 7200 | N/A |
| MG09ACA18TE | SATA | Toshiba | 3.5" | 512e | 18TB | 12Gb/s | MG09 | 256MB | 7200 | N/A |
| MG08ADA800E | SATA | Toshiba | 3.5" | 512e | 8TB | 6Gb/s | MG08-D | 256MB | 7200 | N/A |
| MG06SCA10TE | SAS | Toshiba | 3.5" | 512e | 10TB | 12Gb/s | Capacity | 256MB | 7200 | N/A |

SATA/SAS SSD

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

SATA SSD

| | | | | | | | | | | |
|------------------------------------|-----|--------|------|------|--------|-------|--|--|--|--|
| MTFDDAK1T9TDN-1AT1ZABYY (5200 MAX) | SSD | Micron | 2.5" | SATA | 1.92TB | 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 | | | |
| MZ-7LH1T9NE 883 DCT Series | SSD | Samsung | 2.5" | SATA | 1.92TB | 6Gb/s | | | |
| MZ7L33T8HBLT-00A07 PM893 Series | SSD | Samsung | 2.5" | SATA | 3.84TB | 6Gb/s | | | |
| MZ7L3480HCHQ-00A07 PM893 Series | SSD | Samsung | 2.5" | SATA | 480GB | 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 | | | |
| SSDSC2KB019TZ D3-S4520 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 | | | |
| SRE100-960G00210000 | SSD | Phison | 2.5" | SATA | 960GB | 6Gb/s | | | |
| SRE100-480G00210000 | SSD | Phison | 2.5" | SATA | 480GB | 6Gb/s | | | |
| KHK61RSE960G | SSD | Toshiba | 2.5" | SATA | 960GB | 6Gb/s | | | |
| PCIe SSD | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | Note | | |
| PCIe SSD | | | | | | | | | |
| Samsung PM1725b MZPLL3T2HAJQ PCIe Gen3 x8 3.2TB | PCIe | Samsung | PCI-E 3.0 | PCIe(NVMe) | 3.2TB | PCIe Gen3 x8 | | | |
| Netlist N1951 E3 NS1951AH33T2 Gen3 x8 3.2TB | PCIe | Netlist | PCI-E 3.0 | PCIe(NVMe) | 3.2TB | PCIe Gen3 x8 | | | |
| M.2 | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | Note | | |
| M.2 | | | | | | | | | |
| SSDPELXX010T801 P4511 Series 1TB | M.2 | Intel | 22110 | PCIe(NVMe) | 1TB | PCIe Gen3 x4 | | | |
| SSDPEKKA256G801 P4101 Series 256GB | M.2 | Intel | 2280 | PCIe(NVMe) | 256GB | PCIe Gen3 x4 | | | |
| MZ-1LB1T9N 983 DCT Series | M.2 | Samsung | 22110 | PCIe(NVMe) | 1.92TB | PCIe Gen3 x4 | | | |
| AF960GSTJA-YT1 ATP 960GB | M.2 | ATP | 2280 | PCIe(NVMe) | 960GB | PCIe Gen3 x4 | | | |
| EPX-KW960 EPX Series | M.2 | LITE-ON | 22110 | PCIe(NVMe) | 960GB | PCIe Gen3 x4 | | | |
| MTFDHBA960TDF 960GB 7300 Pro Series | M.2 | Micron | 2280 | PCIe(NVMe) | 960GB | PCIe Gen3 x4 | | | |
| IM2P33F8-256GD1 | M.2 | ADATA | 2280 | PCIe(NVMe) | 256GB | PCIe Gen3 x4 | | | |
| IM2P33F8-512GD1 | M.2 | ADATA | 2280 | PCIe(NVMe) | 512GB | PCIe Gen3 x4 | | | |
| MZ1L21T9HCLS PM9A3 Series | M.2 | Samsung | 22110 | PCIe(NVMe) | 1.92TB | PCIe Gen4 x4 | | | |
| MZ1L2960HCJR PM9A3 Series | M.2 | Samsung | 22110 | PCIe(NVMe) | 960GB | PCIe Gen4 x4 | | | |
| MTFDKBA800TFC 800GB 7400 Max Series | M.2 | Micron | 2280 | PCIe(NVMe) | 800GB | PCIe Gen4 x4 | | | |
| MTFDKBG1T9TDZ 1.92TB 7400 Pro Series | M.2 | Micron | 22110 | PCIe(NVMe) | 1.92TB | PCIe Gen4 x4 | | | |
| MTFDKBA800TFS 800GB 7450 Max Series | M.2 | Micron | 2280 | PCIe(NVMe) | 800 GB | PCIe Gen4 x4 | | | |
| MTFDKBG3T8TFR 3.84TB 7450 Pro Series | M.2 | Micron | 22110 | PCIe(NVMe) | 3.84TB | PCIe Gen4 x4 | | | |
| MTFDKBG3T8TDZ 3.84TB 7400 Pro Series | M.2 | Micron | 22110 | PCIe(NVMe) | 3.84TB | PCIe Gen4 x4 | | | |
| M.2 Expansion PCIe Card | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Max. Channels | Interface Speed | Note | | |
| CMT4034 | PCIe | Gigabyte | 22110 | PCIe(NVMe) | 4 | PCIe Gen3 x16 | - | | |
| 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) | | | | | | | | | |
| V100 (VOLTA) 32GB | 5120 | 900 GB/s | 32GB | | | 250 W | - | | |
| V100S (VOLTA) 32GB | 5120 | 1134 GB/s | 32GB | | | 250 W | - | | |
| T4 (TURING) | 2560 | 320 GB/s | 16GB | | | 70 W | - | | |
| A100 (Ampere) | 6912 | 1555 GB/s | 40GB | | | 250 W | - | | |

| | | | | | | | | | |
|--------------------|-------|----------|------|--|--|-------|--|--|--|
| A100-80GB (Ampere) | 6912 | 1935GB/s | 80GB | | | 300 W | | | |
| A10 (Ampere) | 9216 | 600 GB/s | 24GB | | | 150 W | | | |
| A30 (Ampere) | 3584 | 933 GB/s | 24GB | | | 165W | | | |
| A40 (Ampere) | 10752 | 696 GB/s | 48GB | | | 300W | | | |

NVIDIA Quadro (<https://www.nvidia.com/zh-tw/design-visualization/quadro/>)

| | | | | | | | | | |
|------------------|-------|----------|------|--|--|-------|--|--|--|
| RTX 6000 Passive | 4608 | 624GB/s | 24GB | | | 250W | | | |
| RTX 8000 Passive | 4608 | 624GB/s | 48GB | | | 250W | | | |
| A6000 (Ampere) | 10752 | 768 GB/s | 48GB | | | 300 W | | | |

AMD Radeon Instinct

| | | | | | | | | | |
|--------------------|------|------------|------|--|--|-------|--|--|--|
| MI50 (Vega20) 32GB | 3840 | 1024GB/s | 32GB | | | 300 W | | | |
| MI100 (CDNA) | 7680 | 1228.8GB/s | 32GB | | | 300 W | | | |

Graphics Card (GPGPU server & Workstation 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 Quadro (<http://www.nvidia.com/object/quadro-desktop-gpus.html>)

| | | | | | | | | | |
|----------|------|---------|------|--|--|-------|--|--|--|
| RTX 4000 | 2304 | 416GB/s | 8GB | | | 160 W | | | |
| RTX 5000 | 3072 | 448GB/s | 16GB | | | 230 W | | | |

FPGA Card

| Product Name | Compute | HBM2 Total Capacity | HBM2 Total Bandwidth | DDR Format | DDR Memory Capacity | DDR Total Bandwidth | Internal SRAM Capacity | Internal SRAM Total Bandwidth | PCI Express | Network Interfaces |
|--------------|---------|---------------------|----------------------|------------|---------------------|---------------------|------------------------|-------------------------------|-------------|--------------------|
|--------------|---------|---------------------|----------------------|------------|---------------------|---------------------|------------------------|-------------------------------|-------------|--------------------|

Xilinx Alveo Accelerator Card (<https://www.xilinx.com/products/boards-and-kits/alveo.html>)

| | | | | | | | | | | |
|------------|-----------------------|-----|---------|-----------------------|------|--------|------|--------|------------------|--------------------|
| Alveo U280 | 24.5 INT8 TOPs (peak) | 8GB | 460GB/s | 2x 16GB 72b DIMM DDR4 | 32GB | 38GB/s | 41MB | 30TB/s | Gen4x8 with CCIX | 2x QSFP28 (100GbE) |
|------------|-----------------------|-----|---------|-----------------------|------|--------|------|--------|------------------|--------------------|

RAID Cards

| Product Name | RAID-on-Chip Controller | Host Bus Type | Internal Ports | Internal Connectors | External Ports | External Connectors | Data Transfer Rates | Note | |
|--------------|-------------------------|---------------|----------------|---------------------|----------------|---------------------|---------------------|------|--|
|--------------|-------------------------|---------------|----------------|---------------------|----------------|---------------------|---------------------|------|--|

GIGABYTE Storage Cards

| | | | | | | | | | |
|---------|--------------|------------------------|---|--------------------------|---|--------------------------|-----------------------|--|--|
| CRA3338 | LSI SAS 3008 | PCIe Gen3 x8 | 8 | 2 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| CSA3548 | LSI SAS 3008 | PCIe Gen3 x8 | - | - | 8 | 2 x Mini-SAS HD SFF-8644 | Up to 12Gb/s per port | | |
| CSA4648 | LSI SAS 3008 | PCIe Gen3 x8 | 8 | 2 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| CRA4648 | LSI SAS 3108 | PCIe Gen3 x8 | 8 | 2 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| CRA4448 | LSI SAS 3108 | PCIe Gen3 x8 | 8 | 2 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| CRAO438 | LSI SAS 3108 | OC PCIe Gen3 x8 | 8 | 2 x8 SlimSAS | - | - | Up to 12Gb/s per port | | |
| CRAO338 | LSI SAS 3008 | OC PCIe Gen3 x8 | 8 | 2 x8 SlimSAS | - | - | Up to 12Gb/s per port | | |
| CRAO358 | LSI SAS 3008 | OC PCIe Gen3 x8 | 4 | 1 x4 SlimSAS | | 1 x OCuLink port | Up to 12Gb/s per port | | |
| CRAO558 | LSI SAS 3108 | OC PCIe Gen3 x8 | 4 | 1 x4 SlimSAS | | 1 x OCuLink port | Up to 12Gb/s per port | | |

LSI RAID Controller Cards

| | | | | | | | | | |
|--|---|-------------------------|------------|--------------------------|---|--------------------------|-----------------------|--|--|
| MegaRAID SAS 9361-8i | LSISAS3108 dual core RAID on Chip (ROC) | PCIe Gen3 x8 | 8 | 2 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| MegaRAID SAS 9460-16i without Tri-mode | SAS3516 dual-core RAID-on-Chip (ROC) | PCIe Gen3 x8 | 16 | 4 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| MegaRAID 9560-16i without Tri-mode | SAS3916 Tri-Mode RAID-on-Chip (ROC) | PCIe Gen4 x8 | 16 | 2 x8 SlimSAS SFF-8654 | - | - | Up to 12Gb/s per port | | |
| MegaRAID 9560-8i without Tri-mode | SAS3908 Tri-Mode RAID-on-Chip (ROC) | PCIe Gen4 x8 | 8 | 1 x8 SlimSAS SFF-8654 | - | - | Up to 12Gb/s per port | | |
| LSI Host Bus Adapters (HBAs) | | | | | | | | | |
| LSI SAS 9300-8e | SAS3008 | PCIe Gen3 x8 | - | - | 8 | 2 x Mini-SAS HD SFF-8644 | Up to 12Gb/s per port | | |
| LSI SAS 9300-8i | SAS3008 | PCIe Gen3 x8 | 8 | 2 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| LSI SAS 9400-16i without Tri-mode | SAS3416 | PCIe Gen3 x8 | 16 | 4 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| LSI SAS 9500-16i without Tri-mode | SAS3816 | PCIe Gen4 x8 | 16 | 2 x8 SlimSAS SFF-8654 | - | - | Up to 12Gb/s per port | | |
| LSI SAS 9500-8e without Tri-mode | SAS3808 | PCIe Gen4 x8 | - | - | 8 | 2 x4 SFF-8644 | Up to 12Gb/s per port | | |
| MegaRAID 9560-16i without Tri-mode | SAS3916 Tri-Mode RAID-on-Chip (ROC) | PCIe Gen4 x8 | 16 | 2 x8 SlimSAS SFF-8654 | - | - | Up to 12Gb/s per port | | |
| PMC RAID Cards (Adaptec) | | | | | | | | | |
| Adaptec ASR-81605ZQ | - | PCIe Gen3 x8 | 16 | 4 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| Microsemi RAID Cards | | | | | | | | | |
| SmartRAID 3154-16i | PM8236 | PCIe Gen3 x8 | 16 | 4 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| Microsemi Host Bus Adapters | | | | | | | | | |
| SmartHBA 2100-8i | PM8222 | PCIe Gen3 x8 | 8 | 2 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| LSI Tri-mode card | | | | | | | | | |
| LSI SAS 9400-16i with Tri-mode | SAS3416 | PCIe Gen3 x8 | 16 | 4 x Mini-SAS HD SFF-8643 | - | - | Up to 12Gb/s per port | | |
| LAN Cards | | | | | | | | | |
| Product Name | Connector | System Interface Type | # of Ports | Data Rate | Note | | | | |
| GIGABYTE LAN Cards | | | | | | | | | |
| CLNO832 | SFP+ | OCF PCIe Gen2 x8 | Dual | 10Gb/s per port | INTEL 82599ES Support OCP 2.0 type1 | | | | |
| CLNOQ42 | SFP28 | OCF PCIe Gen3 x8 | Dual | 25Gb/s per port | Qlogic (Cavium) QL41401-A2G Support OCP 2.0 | | | | |
| CLNO222 | RJ-45 | OCF PCIe Gen3 x4 | Dual | 10Gb/s per port | INTEL X550-AT2 Support OCP 2.0 type1 | | | | |
| CLN4752 | QSFP+ | PCIe Gen3 x8 | Dual | 40Gb/s per port | INTEL XL710 | | | | |
| CLN4224 | RJ-45 | PCIe Gen3 x4 | Quad | 10Gb/s per port | INTEL X550-AT2 | | | | |

| | | | | | |
|--|--------|--------------------------|--------|------------------|---|
| CLN4C42 | SFP28 | PCIe Gen3 x16 | Dual | 25Gb/s per port | Mellanox ConnectX-4 |
| CLN4M34 | SFP28 | PCIe Gen3 x16 | Quad | 10Gb/s per port | Mellanox ConnectX-4 |
| Intel_10GbE | | | | | |
| Intel® Ethernet Converged Network Adapter X550-T2 | RJ-45 | PCIe Gen3 x4 | Dual | 10Gb/s per port | |
| Intel® Ethernet Network Adapter X722-DA4 | SFP+ | PCIe Gen3 x8 | Quad | 10Gb/s per port | |
| Intel® Ethernet Converged Network Adapter X710-DA2 | SFP+ | PCIe Gen3 x8 | Dual | 10Gb/s per port | |
| Intel_25GbE | | | | | |
| Intel® Ethernet Network Adapter E810-XXVDA2 for OCP | SFP28 | OCF PCIe Gen4 x8 | Dual | 25Gb/s per port | Support OCP 3.0 |
| Intel® Ethernet Network Adapter E810-XXVDA4 | SFP28 | PCIe Gen4 x16 | Quad | 25Gb/s per port | |
| Intel_40GbE | | | | | |
| Intel® Ethernet Converged Network Adapter XL710-QDA2 | QSFP+ | PCIe Gen3 x8 | Dual | 40Gb/s per port | |
| Intel_100GbE | | | | | |
| Intel® Ethernet Network Adapter E810-CQDA2 for OCP | QSFP28 | OCF PCIe Gen4 x16 | Dual | 100Gb/s per port | Support OCP 3.0 |
| Intel® Ethernet Network Adapter E810-CQDA2 | QSFP28 | PCIe Gen4 x16 | Dual | 100Gb/s per port | |
| Mellanox ConnectX | | | | | |
| MCX631102AN-ADAT | SFP28 | PCIe Gen4 x8 | Dual | 25Gb/s per port | ConnectX®-6 Dx without Crypto |
| MCX631432AN-ADAB | SFP28 | OCF PCIe Gen4 x8 | Dual | 25Gb/s per port | ConnectX®-6 Lx without Crypto / Support OCP 3.0 |
| MCX613106A-VDAT | QSFP56 | PCIe Gen4 x16 | Dual | 200Gb/s per port | Mellanox ConnectX-6 EN |
| MCX565M-CDAB | QSFP28 | OCF PCIe Gen4 x16 | Single | 100Gb/s per port | ConnectX®-5 Ex Multi-Host / Support OCP 3.0 |
| MCX566A-CDAB | QSFP28 | OCF PCIe Gen4 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-5 Ex EN / Support OCP 3.0 |
| MCX516A-CDAT | QSFP28 | PCIe Gen4 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-5 Ex EN |
| MCX516A-BDAT | QSFP28 | PCIe Gen4 x16 | Dual | 40Gb/s per port | Mellanox ConnectX-5 Ex EN |
| MCX516A-CCAT | QSFP28 | PCIe Gen3 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-5 EN |
| MCX4421A-ACQN | SFP28 | OCF 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 |
| MCX4121A-XCAT | SFP28 | PCIe Gen3 x8 | Dual | 10Gb/s per port | Mellanox ConnectX-4 Lx EN |
| Mellanox VPI Adapter Cards | | | | | |
| MCX683105AN-HDAT | QSFP | PCIe Gen4 x16 | Single | 200Gb/s per port | Mellanox ConnectX-6 DE VPI (InfiniBand) |
| MCX654106A-HCAT | QSFP56 | PCIe Gen3 x16 | Dual | 200Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) PCIe3.0 x16 + PCIe3.0x16 aux. card Socket Direct |
| MCX653106A-HDAT | QSFP56 | PCIe Gen4 x16 | Dual | 200Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) |

| | | | | | |
|--|--------|--------------------------|----------|------------------|--|
| MCX653436A-HDAI | QSFP56 | OCF PCIe Gen4 x16 | Dual | 200Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) / OCP3.0 |
| MCX653105A-HDAT | QSFP56 | PCIe Gen4 x16 | Single | 200Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) |
| MCX653105A-ECAT | QSFP56 | PCIe Gen4 x16 | Single | 100Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) |
| MCX653106A-ECAT | QSFP56 | PCIe Gen4 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand) |
| MCX556A-EDAT | QSFP28 | PCIe Gen4 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-5 Ex VPI (InfiniBand) |
| MCX555A-ECAT | QSFP28 | PCIe Gen3 x16 | Single | 100Gb/s per port | Mellanox ConnectX-5 VPI (InfiniBand) |
| (Mellanox) NVIDIA BlueField-2 DPU Cards | | | | | |
| MBF2M345A-HESOT | QSFP56 | PCIe Gen4 x16 | Single | 200Gb/s per port | E-Series/ 2.0GHz |
| MBF2H332A-AEEOT | SFP56 | PCIe Gen4 x8 | Dual | 25Gb/s per port | P-Series/ 2.5GHz |
| QL45611HLCU | QSFP28 | PCIe Gen3 x16 | Single | 100Gb/s per port | |
| QLE3442-RJ-CK | RJ-45 | PCIe Gen3 x8 | Dual | 10Gb/s per port | |
| Broadcom (Emulex) Ethernet Networking Adapters | | | | | |
| BCM957508-P2100G | QSFP56 | PCIe Gen4 x16 | Dual | 100Gb/s per port | BCM57508 |
| BCM957414A4142CC | SFP28 | PCIe Gen3 x8 | Dual | 25Gb/s per port | BCM57414 |
| BCM957508-N2100G | QSFP56 | OCF PCIe 4.0 | Dual | 100Gb/s per port | BCM57508 / Support OCF 3.0 |
| BCM957504-N425G | SFP28 | OCF PCIe 4.0 | Quad | 25Gb/s per port | BCM57504 / Support OCF 3.0 |
| BCM957414N4140C | SFP28 | OCF PCIe Gen3 x8 | Dual | 25Gb/s per port | BCM57414 / Support OCF 3.0 |
| BCM957416N4160C | RJ-45 | OCF PCIe Gen3 x8 | Dual | 10Gb/s per port | BCM57416 / Support OCF 3.0 |
| <u>BCM957412N4120C</u> | SFP+ | OCF PCIe Gen3 x8 | Dual | 10Gb/s per port | BCM57412 / Support OCF 3.0 |
| BCM957414M4142C | SFP28 | OCF PCIe Gen3 x8 | Dual | 25Gb/s per port | BCM57414 / Support OCP 2.0 type1 |
| <u>BCM957416A4160C</u> | RJ-45 | PCIe Gen3 x8 | Dual | 10Gb/s per port | BCM5741 (P210TP) |
| <u>BCM957416M4163C</u> | RJ-45 | OCF PCIe Gen3 x8 | Dual | 10Gb/s per port | BCM5741 / Support OCP 2.0 (M210TP) |
| Broadcom FC Host Bus Adapter | | | | | |
| <u>LPe32002-M2</u> | SFP+ | PCIe Gen3 x8 | Dual | 32Gb/s per port | XE501 controller |
| <u>LPe31002-M6</u> | SFP+ | PCIe Gen3 x8 | Dual | 16Gb/s per port | XE501 controller |
| USB Device | | | | | |
| Product Name | Type | Vendor | Capacity | Note | |
| USB 3.0 | | | | | |
| PURE CLASSIC X176B1FWBO75 | HDD | Gigabyte | 500G | | |
| GoFlex STAA500305 | HDD | Seagate | 500G | | |

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|----------------------|--------|--------------|------|--|--|--|--|--|--|--|
| 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 | | | | | | | | |