

R161-340 Qualification Vender List

Please contact FAE support for below orange blocks

| Intel CPU | | | | | | | | | | |
|---|----------------|--------|----------|-------------|------------|------------|--------------------------|---------------------|-------|--------------|
| Product Name | Code Name | Q-Spec | Stepping | Cache | System Bus | # of Cores | Processor Base Frequency | Max Turbo Frequency | TDP | Memory Types |
| Purley - Intel® Xeon® Processor Scalable Family | | | | | | | | | | |
| Intel® Xeon® Processor Platinum 8153 | SKYLAKE-S | QMS7 | H0 | 22 MB L3 | 10.4 GT/s | 16 | 2.00 GHz | 2.80 GHz | 125 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6138T | SKYLAKE-S | Q MS9 | H0 | 27.5 MB L3 | 10.4 GT/s | 20 | 2.00 GHz | 3.70 GHz | 125 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6138 | SKYLAKE-S | QMS0 | H0 | 27.5 MB L3 | 10.4 GT/s | 20 | 2.00 GHz | 3.70 GHz | 125 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6130T | SKYLAKE-S | QN38 | H0 | 22 MB L3 | 10.4 GT/s | 16 | 2.10 GHz | 3.70 GHz | 125 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6130 | SKYLAKE-S | QMS6 | H0 | 22 MB L3 | 10.4 GT/s | 16 | 2.10 GHz | 3.70 GHz | 125 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6128 | SKYLAKE-S | QN34 | H0 | 19.25 MB L3 | 10.4 GT/s | 6 | 3.40 GHz | 3.70 GHz | 115 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6126T | SKYLAKE-S | QN39 | H0 | 19.25 MB L3 | 10.4 GT/s | 12 | 2.60 GHz | 3.70 GHz | 125 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6126 | SKYLAKE-S | QMRV | H0 | 19.25 MB L3 | 10.4 GT/s | 12 | 2.60 GHz | 3.70 GHz | 125 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5122 | SKYLAKE-S | QMRN | H0 | 16.5 MB L3 | 10.4 GT/s | 4 | 3.60 GHz | 3.70 GHz | 105 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5120T | SKYLAKE-S | QMXL | M0 | 19.25 MB L3 | 10.4 GT/s | 14 | 2.20 GHz | 3.20 GHz | 105 W | DDR4-2400 |
| Intel® Xeon® Processor Gold 5120 | SKYLAKE-S | QMXJ | M0 | 19.25 MB L3 | 10.4 GT/s | 14 | 2.20 GHz | 3.20 GHz | 105 W | DDR4-2400 |
| Intel® Xeon® Processor Gold 5119T | SKYLAKE-S | QN11 | M0 | 19.25 MB L3 | 10.4 GT/s | 14 | 1.90 GHz | 3.20 GHz | 85 W | DDR4-2400 |
| Intel® Xeon® Processor Gold 5118 | SKYLAKE-S | QMXH | M0 | 16.5 MB L3 | 10.4 GT/s | 12 | 2.30 GHz | 3.20 GHz | 105 W | DDR4-2400 |
| Intel® Xeon® Processor Gold 5115 | SKYLAKE-S | QMXG | M0 | 13.75 MB L3 | 10.4 GT/s | 10 | 2.40 GHz | 3.20 GHz | 85 W | DDR4-2400 |
| Intel® Xeon® Processor Silver 4116T | SKYLAKE-S | QN7B | M0 | 16.5 MB L3 | 9.6 GT/s | 12 | 2.10 GHz | 3.00 GHz | 85 W | DDR4-2400 |
| Intel® Xeon® Processor Silver 4116 | SKYLAKE-S | QN1J | M0 | 16.5 MB L3 | 9.6 GT/s | 12 | 2.10 GHz | 3.00 GHz | 85 W | DDR4-2400 |
| Intel® Xeon® Processor Silver 4114T | SKYLAKE-S | QN7A | U0 | 13.75 MB L3 | 9.6 GT/s | 10 | 2.20 GHz | 3.00 GHz | 85 W | DDR4-2400 |
| Intel® Xeon® Processor Silver 4114 | SKYLAKE-S | QN0B | U0 | 13.75 MB L3 | 9.6 GT/s | 10 | 2.20 GHz | 3.00 GHz | 85 W | DDR4-2400 |
| Intel® Xeon® Processor Silver 4112 | SKYLAKE-S | QN0E | U0 | 8.25 MB L3 | 9.6 GT/s | 4 | 2.60 GHz | 3.00 GHz | 85 W | DDR4-2400 |
| Intel® Xeon® Processor Silver 4110 | SKYLAKE-S | QN09 | U0 | 11 MB L3 | 9.6 GT/s | 8 | 2.10 GHz | 3.00 GHz | 85 W | DDR4-2400 |
| Intel® Xeon® Processor Silver 4109T | SKYLAKE-S | QN0F | U0 | 11 MB L3 | 9.6 GT/s | 8 | 2.00 GHz | 3.00 GHz | 70 W | DDR4-2400 |
| Intel® Xeon® Processor Silver 4108 | SKYLAKE-S | QN0A | U0 | 11 MB L3 | 9.6 GT/s | 8 | 1.80 GHz | 3.00 GHz | 85 W | DDR4-2400 |
| Intel® Xeon® Processor Bronze 3106 | SKYLAKE-S | QN0C | U0 | 11 MB L3 | 9.6 GT/s | 8 | 1.70 GHz | None | 85 W | DDR4-2133 |
| Intel® Xeon® Processor Bronze 3104 | SKYLAKE-S | QN0D | U0 | 8.25 MB L3 | 9.6 GT/s | 6 | 1.70 GHz | None | 85 W | DDR4-2133 |
| Purley - Intel® Xeon® Processor Scalable Family | | | | | | | | | | |
| Intel® Xeon® Processor Platinum 8256 | CascadeLake SP | QRAP | B0 | 16.5MB | 10.4 GT/s | 4 | 3.80 GHz | 3.90 GHz | 105W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8253 | CascadeLake SP | QRAN | B0 | 22MB | 10.4 GT/s | 16 | 2.20 GHz | 3.00 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6238T | CascadeLake SP | QRBW | B0 | 30.25MB | 10.4 GT/s | 22 | 1.90 GHz | 3.70 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6230N | CascadeLake SP | QS1X | B1 | 27.5MB | 10.4 GT/s | 20 | 2.30 GHz | 3.50 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6230 | CascadeLake SP | QRAD | B0 | 27.5MB | 10.4 GT/s | 20 | 2.10 GHz | 3.90 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 5220 | CascadeLake SP | QRGH | L0 | 24.75MB | 10.4 GT/s | 18 | 2.20 GHz | 3.90 GHz | 125W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5218B | CascadeLake SP | QRGE | L0 | 22MB | 10.4 GT/s | 16 | 2.30 GHz | 3.90 GHz | 125W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5218N | CascadeLake SP | QRGD | L0 | 22MB | 10.4 GT/s | 16 | 2.30 GHz | 3.70 GHz | 105W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5218 | CascadeLake SP | QRA9 | L0 | 22MB | 10.4 GT/s | 16 | 2.30 GHz | 3.90 GHz | 125W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5217 | CascadeLake SP | QRGC | L0 | 11MB | 10.4 GT/s | 8 | 3.00 GHz | 3.70 GHz | 115W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5215L | CascadeLake SP | QRGB | L0 | 13.75MB | 10.4 GT/s | 10 | 2.50 GHz | 3.40 GHz | 85W | DDR4-2666 |
| Intel® Xeon® Processor Silver 4216 | CascadeLake SP | QRG8 | L0 | 22MB | 9.6 GT/s | 16 | 2.10 GHz | 3.20 GHz | 100W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4215 | CascadeLake SP | QRG7 | L0 | 11MB | 9.6 GT/s | 8 | 2.50 GHz | 3.50 GHz | 85W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4214Y | CascadeLake SP | QRHY | L0 | 16.5MB | 9.6 GT/s | 12 | 2.20 GHz | 3.20 GHz | 85W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4214 | CascadeLake SP | QRG6 | L0 | 16.5MB | 9.6 GT/s | 12 | 2.20 GHz | 3.20 GHz | 85W | DDR4-2133 |

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|-------------------------------------|----------------|------|----|---------|-----------|----|----------|----------|------|-----------|
| Intel® Xeon® Processor Silver 4210 | CascadeLake SP | QPJF | R0 | 13.75MB | 9.6 GT/s | 10 | 2.20 GHz | 3.20 GHz | 85W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4209T | CascadeLake SP | QPJM | R0 | 11MB | 9.6 GT/s | 8 | 2.20 GHz | 3.20 GHz | 70W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4208 | CascadeLake SP | QPJG | R0 | 11MB | 9.6 GT/s | 8 | 2.10 GHz | 3.20 GHz | 85W | DDR4-2133 |
| Intel® Xeon® Processor Gold 6230T | CascadeLake SP | QS1Y | B1 | 27.5MB | 10.4 GT/s | 20 | 2.10 GHz | 3.90 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6230 | CascadeLake SP | QRAD | B0 | 27.5MB | 10.4 GT/s | 20 | 2.10 GHz | 3.90 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6226 | CascadeLake SP | QS1V | B1 | 19.25MB | 10.4 GT/s | 12 | 2.70 GHz | 3.70 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6222V | CascadeLake SP | QS2C | B1 | 27.5MB | 10.4 GT/s | 20 | 1.80 GHz | 3.60 GHz | 115W | DDR4-2400 |
| Intel® Xeon® Processor Gold 5220S | CascadeLake SP | QS1Z | B1 | 24.75MB | 10.4 GT/s | 18 | 2.70 GHz | 3.90 GHz | 125W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5220T | CascadeLake SP | QS1R | B1 | 24.75MB | 10.4 GT/s | 18 | 1.90 GHz | 3.90 GHz | 105W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5218T | CascadeLake SP | QS1T | B1 | 22MB | 10.4 GT/s | 16 | 2.10 GHz | 3.80 GHz | 105W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5215M | CascadeLake SP | QRGA | L0 | 13.75MB | 10.4 GT/s | 10 | 2.50 GHz | 3.40 GHz | 85W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5215 | CascadeLake SP | QRG9 | L0 | 13.75MB | 10.4 GT/s | 10 | 2.50 GHz | 3.40 GHz | 85W | DDR4-2666 |
| Intel® Xeon® Processor Bronze 3204 | CascadeLake SP | QPJK | R0 | 8.25MB | 9.6 GT/s | 6 | 1.90 GHz | 1.90 GHz | 85W | DDR4-2133 |

CascadeLake refresh - Intel® Xeon® Processor Scalable Family

| | | | | | | | | | | |
|-------------------------------------|---------------------|-------|----|---------|-----------|----|---------|---------|------|-----------|
| Intel® Xeon® Processor Gold 5218R | CascadeLake refresh | SRGZ7 | B1 | 27.50MB | 10.4 GT/s | 20 | 2.1 GHz | 4.0 GHz | 125W | DDR4-2666 |
| Intel® Xeon® Processor Silver 4214R | CascadeLake refresh | QSKT | L1 | 16.5MB | 9.6 GT/s | 12 | 2.4 GHz | 3.5 GHz | 100W | DDR4-2400 |
| Intel® Xeon® Processor Silver 4210R | CascadeLake refresh | QSL1 | R1 | 13.75MB | 9.6 GT/s | 10 | 2.4 GHz | 3.2 GHz | 100W | DDR4-2400 |
| Intel® Xeon® Processor Bronze 3206R | CascadeLake refresh | QSL2 | R1 | 11MB | 9.6 GT/s | 8 | 1.9 GHz | 1.9 GHz | 85W | DDR4-2133 |

Montage Jintide® Processor Scalable Family

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|-------------------------|---------|-------|----|---------|-----------|----|---------|---------|------|------|
| Montage Jintide® C10201 | Jintide | SREUK | H0 | 13.75MB | 9.6 GT/s | 10 | 2.2 GHz | 3.0 GHz | 85W | DDR4 |
| Montage Jintide® C08101 | Jintide | SREUL | H0 | 11MB | 9.6 GT/s | 8 | 2.1 GHz | 3.0 GHz | 85W | DDR4 |
| Montage Jintide® C16401 | Jintide | SREUM | H0 | 22MB | 10.4 GT/s | 16 | 2.1 GHz | 3.7 GHz | 125W | DDR4 |
| Montage Jintide® C12301 | Jintide | SREUH | H0 | 16.5MB | 10.4 GT/s | 12 | 2.3 GHz | 3.2 GHz | 105W | DDR4 |
| Montage Jintide® C14501 | Jintide | SREUJ | H0 | 19.25MB | 10.4 GT/s | 14 | 2.2 GHz | 3.2 GHz | 105W | DDR4 |

Memory

| Product Name | Memory Type | Module Supplier | Size | Chip Brand | Rank | Voltage | Data Transfer Rate | Error Correction | CAS Latency | Pins |
|--------------|-------------|-----------------|------|------------|------|---------|--------------------|------------------|-------------|------|
|--------------|-------------|-----------------|------|------------|------|---------|--------------------|------------------|-------------|------|

RDIMM

| | | | | | | | | | | |
|-------------------------|------|----------|------|-----------------|--------|------|---------|----------------|----|---------|
| M393A8K40B22-CWD6Q | DDR4 | Samsung | 64GB | Samsung | 2S2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT32G4RFD4266-2G6H1.001 | DDR4 | CRUCIAL | 32GB | Micron | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA36ASF4G72PZ-2G6H1QG | DDR4 | CRUCIAL | 32GB | Micron | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| HMA84GR7AFR4N-VKT3 | DDR4 | SKhynix | 32GB | Skhynix-Montage | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| HMAA8GR7A2R4N-VNT3 | DDR4 | SKhynix | 64GB | Skhynix | 2S2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| KSM26RD4/32HAI | DDR4 | Kingston | 32GB | Skhynix-IDT | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| KSM26RS4/16HAI | DDR4 | Kingston | 16GB | Skhynix-IDT | 1Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| M393A2K40CB2-CVFBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 1Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| M393A4K40CB2-CVFBQ | DDR4 | Samsung | 32GB | Samsung-IDT | 2Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |

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|-------------------------|------|---------|------|----------------------|------|------|---------|----------------|----|---------|
| 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 |
| 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 |
| M393A2K43CB2-CVFBQ | DDR4 | Samsung | 16GB | Samsung-IDT | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| NT16GA72D8PBX3P-IX | DDR4 | Nanya | 16GB | Nanya-IDT | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| NT32GA72D4NBX3P-IX | DDR4 | Nanya | 32GB | Nanya-Montage or 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 |
| 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 |
| CT16G4RFS4293.18FE1 | DDR4 | CRUCIAL | 16GB | Micron | 1Rx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |

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|---|------|----------|------|-----------------|------|------|---------|----------------|----|---------|
| 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 |
| HMA81GR7CJR8N-WM TG | DDR4 | SKhynix | 8GB | SKhynix-IDT | 1Rx8 | 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 |
| HMA82GR7CJR8N-WM T4 | DDR4 | SKhynix | 16GB | SKhynix-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 |
| 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 |
| KSM29RD4/32HDR | DDR4 | Kingston | 32GB | SKhynix-Rambus | 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 |
| 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 |
| RDIMM (Only support CascadeLake) | | | | | | | | | | |
| M393A8G40MB2-CTD7Q | DDR4 | Samsung | 64GB | Samsung-IDT | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| M393A8G40MB2-CVFBY | DDR4 | Samsung | 64GB | Samsung-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 |
| 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 |
| MTA36ASF8G72PZ-2G9E1TI | DDR4 | Micron | 64GB | Micron-Montage | 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 |

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|---|------|-----------|-------------|----------------|----------|-----------------|--|----------------|------|--------------|
| MTA9ASF2G72PZ-2G9E1UI | DDR4 | Micron | 16GB | Micron-Rambus | 1Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA18ASF4G72PDZ-2G9E1T1 | DDR4 | Micron | 32GB | Micron-Montage | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| LRDIMM | | | | | | | | | | |
| M386A8K40CM2-CVFBY | DDR4 | Samsung | 64GB | Samsung-IDT | 4DRx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| HMAA8GL7AMR4N-VKTF | DDR4 | SKhynix | 64GB | SKhynix | 4DRx4 | 1.2v | 2666MHz | ECC Registered | 17 | 288-pin |
| M386A8K40BM2-CTD7Q | DDR4 | Samsung | 64GB | Samsung | 4DRx4 | 1.2v | 2666MHz | ECC Registered | 17 | 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 | | | | | | | | | | |
| ST14000NM0018 | SATA | Seagate | 3.5" | 512e | 14TB | 6Gb/s | Exos X14 (Enterprise Capacity) | 256MB | 7200 | N/A |
| 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 |
| Seagate Enterprise Capacity 3.5 HDD | | | | | | | | | | |
| ST2000NM0008 | SATA | Seagate | 3.5" | 512n | 2TB | 6Gb/s | EXOS 7E2 | 128MB | 7200 | N/A |
| ST8000NM000A | SATA | Seagate | 3.5" | 512e | 8TB | 6Gb/s | EXOS 7E8 | 256MB | 7200 | N/A |
| ST16000NM001G | SATA | Seagate | 3.5" | 512e/4Kn | 16TB | 6Gb/s | EXOS X16 | 256MB | 7200 | N/A |
| WD HDD | | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |
| Datacenter | | | | | | | | | | |
| WD4000FYYZ-01UL1B2 | SATA | WD | 3.5" | 512n | 4TB | 6Gb/s | WD Re | 64MB | 7200 | N/A |
| WUS721010ALE6L4 | SATA | WD | 3.5" | 512e | 10TB | 6Gb/s | Ultrastar® DC HC330 | 256MB | 7200 | N/A |
| WUH721818ALE6L4 | SATA | WD | 3.5" | 512e | 18TB | 6Gb/s | Ultrastar DC HC550 | 512MB | 7200 | N/A |
| HGST HDD (SAS HDD may need RAID Card support) | | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |
| Enterprise Hard Drives | | | | | | | | | | |
| HUS726T6TALE6L4 | SATA | HGST / WD | 3.5" | 512e | 6TB | 6Gb/s | Ultrastar DC HC310 (7K6) | 256MB | 7200 | N/A |
| HUS726T4TALE6L4 | SATA | HGST / WD | 3.5" | 512e | 4TB | 6Gb/s | Ultrastar DC HC310 (7K6) | 256MB | 7200 | N/A |
| HUS722T2TALA604 / 1W10002 | SATA | HGST / WD | 3.5" | 512n | 2TB | 6Gb/s | Ultrastar DC HA210 (7K2) | 128MB | 7200 | N/A |
| HUS728T8TALE6L4 | SATA | HGST / WD | 3.5" | 512e | 8TB | 6Gb/s | Ultrastar® DC HC320 (7K8) | 256MB | 7200 | Secure Erase |
| Toshiba HDD (SAS HDD may need RAID Card support) | | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Format | Capacity | Interface Speed | Series | Cache | RPM | Encryption |
| Enterprise Hard Drives | | | | | | | | | | |
| MG07ACA14TE | SATA | Toshiba | 3.5" | 512e | 14TB | 6Gb/s | Capacity | 256MB | 7200 | N/A |
| MG04ACA100N | SATA | Toshiba | 3.5" | 512e | 1TB | 6Gb/s | Capacity | 128MB | 7200 | N/A |
| MG06ACA10TE | SATA | Toshiba | 3.5" | 512e | 10TB | 6Gb/s | Capacity | 256MB | 7200 | N/A |
| MG07ACA14TE | SATA | Toshiba | 3.5" | 512e | 14TB | 6Gb/s | MG07ACA | 256MB | 7200 | N/A |

| SATA/SAS SSD | | | | | | | | | |
|--|------------|----------|-------------|------------|---------------|------------------------|------|------|--|
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | FW | Note | |
| SATA/SAS SSD | | | | | | | | | |
| SSDSC2KG019T701 (Series DC S4600) | SSD | Intel | 2.5" | SATA | 1.92TB | 6Gb/s | | | |
| MZ7KM1T9HMJP-0005 (SM863a) | SSD | Samsung | 2.5" | SATA | 1.92TB | 6Gb/s | | | |
| MZ-7LH1T9NE 883 DCT Series | SSD | Samsung | 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 | | | |
| SSDSC2KG019T8 D3-S4610 Series | SSD | Intel | 2.5" | SATA | 1.92TB | 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 | | | |
| 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 | - | | | |
| Samsung PM1725b MZPLL3T2HAJQ PCIe Gen3 x8 3.2TB | PCIe | Samsung | PCI-E 3.0 | PCIe(NVMe) | 3.2TB | - | | | |
| M.2 | | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | Note | | |
| M.2 | | | | | | | | | |
| AF1TSMJA-YT1 ATP N600c Series 1TB | M.2 | ATP | 2280 | PCIe(NVMe) | 1TB | | | | |
| SSDPEKKA256G801 P4101 Series 256GB | M.2 | Intel | 2280 | PCIe(NVMe) | 256GB | | | | |
| SSDPEKKA010T801 P4101 Series 1TB | M.2 | Intel | 2280 | PCIe(NVMe) | 1TB | | | | |
| SSDPEKKA010T701 P3100 Series 1TB | M.2 | Intel | 2280 | PCIe(NVMe) | 1TB | | | | |
| SSDPEKKA256G701 P3100 Series 256GB | M.2 | Intel | 2280 | PCIe(NVMe) | 256GB | | | | |
| IMZVPV512HDGL | M.2 | Samsung | 2280 | PCIe(NVMe) | 512GB | | | | |
| IM2P33F8-256GD | M.2 | ADATA | 2280 | PCIe(NVMe) | 256GB | - | | | |
| IM2P33F8-512GD | M.2 | ADATA | 2280 | PCIe(NVMe) | 512GB | - | | | |
| IM2P33F8-256GD1 | M.2 | ADATA | 2280 | PCIe(NVMe) | 256GB | - | | | |
| IM2P33F8-512GD1 | M.2 | ADATA | 2280 | PCIe(NVMe) | 512GB | - | | | |
| SATA DOM | | | | | | | | | |
| Product Name | Type | Vendor | Capacity | Flash Type | Max. Channels | Max. Power Consumption | Note | | |
| SATA III | | | | | | | | | |
| Innodisk SATADOM-SL 3ME4 DESSL-64GM41BC1SCB | Vertical | INNODISK | 64GB | MLC | 1 | 0.734 W | | | |
| Innodisk SATADOM-SL 3ME4 DESSL-A28M41BCADCB-D33 | Vertical | INNODISK | 128GB | MLC | 1 | 1.02 W | | | |
| Innodisk SATADOM-ML 3ME4 DESML-64GM41BCADCB | Vertical | INNODISK | 64GB | MLC | 2 | 0.815 W | | | |
| Innodisk SATADOM-SH 3ME4 DESSH-64GM41BC1SCB | Horizontal | INNODISK | 64GB | MLC | 2 | 1.27 W | | | |
| Innodisk SATADOM-SH TYPE C 3ME4 DESSC-64GM41BC1SCB | Horizontal | INNODISK | 64GB | MLC | 1 | 0.626 W | | | |

| 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 | | | | | | | | | |
| CRA3338 | LSI SAS 3008 | PCIe- x8 Gen3 x8 bus | 8 | 2 x Mini-SAS HD for 8x SAS | - | - | 12Gb/s ports | | |
| CSA3548 | LSI SAS 3008 | PCIe- x8 Gen3 x8 bus | - | - | 8 | 2 x external Mini-SAS HD SFF8644 | 12Gb/s ports | | |
| CSA4648 | LSI SAS 3008 | PCIe- x8 Gen3 x8 bus | 8 | 2 x internal Mini-SAS HD SFF8643 | - | - | 12Gb/s ports | | |
| CRA4648 | LSI SAS 3108 | PCIe- x8 Gen3 x8 bus | 8 | 2 x internal Mini-SAS HD SFF8643 | - | - | 12Gb/s ports | | |
| CRA4448 | LSI SAS 3108 | PCIe- x8 Gen3 x8 bus | 8 | 2 x internal Mini-SAS HD SFF8643 | - | - | 12Gb/s ports | | |
| CRA4548 | LSI SAS 3108 | PCIe- x8 Gen3 x8 bus | 4 | 1 x internal Mini-SAS HD SFF8643 | 4 | 1 x external Mini-SAS HD SFF8644 | 12Gb/s ports | | |
| LSI RAID Controller Cards | | | | | | | | | |
| MegaRAID SAS 9361-8i | LSISAS3108 dual core RAID on Chip (ROC) | x8 lane PCI Express® 3.0 | 8 | 2 x HD Mini-SAS SFF8643 (Horizontal mount) | - | - | Up to 12Gb/s per port | | |
| MegaRAID SAS 9460-16i | SAS3516 dual-core RAID-on-Chip (ROC) | x8 lane PCI Express® 3.1 | 8 | 4 x Mini-SAS HD SFF-8643 | - | - | 12Gb/s SAS 3.0 | | |
| LSI Host Bus Adapters (HBAs) | | | | | | | | | |
| LSI SAS 9400-16i | SAS3416 | x8 lane PCI Express® 3.1 | 16 | 4 x Mini-SAS HD SFF-8643 | - | - | 12Gb/s SAS 3.0 | | |
| PMC RAID Cards (Adaptec) | | | | | | | | | |
| Adaptec ASR-81605ZQ | - | 8-lane PCIe Gen3 | 16 | 4 x internal mini SAS HD (SFF-8643) | - | - | 12Gb/s per port | | |
| Microsemi RAID Cards | | | | | | | | | |
| SmartRAID 3154-16i | PM8236 | 8-Lane PCIe Gen3 | 16 | 4 x Internal, SFF-8643 | - | - | 12 Gb/s per port | | |
| SmartRAID 3154-8i | PM8204 | 8-Lane PCIe Gen3 | 8 | 2 x Internal, SFF-8643 | - | - | 12 Gb/s per port | | |
| Microsemi Host Bus Adapters | | | | | | | | | |
| SmartHBA 2100-8i | PM8222 | 8-Lane PCIe Gen3 | 8 | 2 x Internal, SFF-8643 | - | - | 12 Gb/s per port | | |
| HBA 1100-16i | PM8242 | 8-Lane PCIe Gen3 | 16 | 4 x Internal, SFF-8643 | - | - | 12 Gb/s per port | | |
| HBA 1100-24i | PM8238 | 8-Lane PCIe Gen3 | 24 | 6 x Internal, SFF-8643 | - | - | 12 Gb/s per port | | |
| LAN Cards | | | | | | | | | |
| Product Name | Connector | System Interface Type | # of Ports | System Interface Type | Data rate | Note | | | |
| GIGABYTE LAN Cards | | | | | | | | | |

| | | | | | |
|---|--------|----------------------|----------|------------------|--------------------------------------|
| CLN4C42 | SFP28 | PCIe Gen3 x16 | Dual | 25Gb/s per port | Mellanox ConnectX-4 |
| CLN4C44 | SFP28 | PCIe Gen3 x16 | Quad | 25Gb/s per port | Mellanox ConnectX-4 |
| CLN4832 | SFP+ | PCIe x8 Gen2 x8 | Dual | 10Gb/s per port | INTEL 82599ES |
| CLN4831 | SFP+ | PCIe x8 Gen2 x8 | Single | 10Gb/s per port | INTEL 82599EN |
| CLN4752 | QSFP+ | PCIe x8 Gen3 x8 | Dual | 40Gb/s per port | INTEL XL710 |
| CLN4751 | QSFP+ | PCIe x8 Gen3 x8 | Single | 40Gb/s per port | INTEL XL710 |
| CLN4224 | RJ-45 | PCIe x8 Gen3 x4 | Quad | 10Gb/s per port | INTEL X550-AT2 |
| CLN4312 | RJ-45 | PCIe x4 Gen2 x4 | Dual | 10Gb/s per port | INTEL i350-AM2 |
| CLN4222 | RJ-45 | PCIe x4 Gen3 x4 | Dual | 10Gb/s per port | INTEL X550-AT2 |
| Intel_10GbE | | | | | |
| Intel® Ethernet Converged Network Adapter X550-T2 | RJ-45 | PCIe v3.0 (8.0 GT/s) | Dual | 10Gb/s per port | |
| Mellanox ConnectX | | | | | |
| MCX515A-CCAT | QSFP28 | PCIe Gen3 x16 | Single | 100Gb/s per port | Mellanox ConnectX-5 EN |
| Mellanox VPI Adapter Cards | | | | | |
| MCX556A-ECAT | QSFP28 | PCIe 3.0 x16 | Dual | 100Gb/s per port | Mellanox ConnectX-5 VPI (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 | |
| Intel Omni-Path Host Fabric | | | | | |
| Intel® Omni-Path Host Fabric Adapters 100HFA016LS | QSFP28 | PCIe 3.0 x16 | Single | 100Gb/s per port | |
| USB Device | | | | | |
| Product Name | Type | Vendor | Capacity | Note | |
| USB 3.0 | | | | | |
| 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 | | | |