

"T181-G23" 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 8180 | SKYLAKE-S | QMQ7 | H0 | 38.5 MB L3 | 10.4 GT/s | 28 | 2.50 GHz | 3.80 GHz | 205 W | DDR4-2666 |
| Intel® Xeon® Processor Platinum 8176F | SKYLAKE-S | QNC8 | H0 | 38.5 MB L3 | 10.4 GT/s | 28 | 2.10 GHz | 3.80 GHz | 173 W | DDR4-2666 |
| Intel® Xeon® Processor Platinum 8176M | SKYLAKE-S | QM7R | H0 | 38.5 MB L3 | 10.4 GT/s | 28 | 2.10 GHz | 3.80 GHz | 165 W | DDR4-2666 |
| Intel® Xeon® Processor Platinum 8176 | SKYLAKE-S | QMQ3 | H0 | 38.5 MB L3 | 10.4 GT/s | 28 | 2.10 GHz | 3.80 GHz | 165 W | DDR4-2666 |
| Intel® Xeon® Processor Platinum 8170 | SKYLAKE-S | QMQC | H0 | 35.75 MB L3 | 10.4 GT/s | 26 | 2.10 GHz | 3.70 GHz | 165 W | DDR4-2666 |
| Intel® Xeon® Processor Platinum 8168 | SKYLAKE-S | QMQ8 | H0 | 33 MB L3 | 10.4 GT/s | 24 | 2.70 GHz | 3.70 GHz | 205 W | DDR4-2666 |
| Intel® Xeon® Processor Platinum 8164 | SKYLAKE-S | Q MS8 | H0 | 35.75 MB L3 | 10.4 GT/s | 26 | 2.00 GHz | 3.70 GHz | 150 W | DDR4-2666 |
| Intel® Xeon® Processor Platinum 8160T | SKYLAKE-S | QMRG | H0 | 33 MB L3 | 10.4 GT/s | 24 | 2.10 GHz | 3.70 GHz | 150 W | DDR4-2666 |
| Intel® Xeon® Processor Platinum 8160 | SKYLAKE-S | QMRV | H0 | 33 MB L3 | 10.4 GT/s | 24 | 2.10 GHz | 3.70 GHz | 150 W | DDR4-2666 |
| 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 6154 | SKYLAKE-S | QMQ9 | H0 | 24.75 MB L3 | 10.4 GT/s | 18 | 3.00 GHz | 3.70 GHz | 200 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6152 | SKYLAKE-S | QMRZ | H0 | 30.25 MB L3 | 10.4 GT/s | 22 | 2.10 GHz | 3.70 GHz | 140 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6150 | SKYLAKE-S | QMQ6 | H0 | 24.75 MB L3 | 10.4 GT/s | 18 | 2.70 GHz | 3.70 GHz | 165 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6148F | SKYLAKE-S | QN3G | H0 | 27.5 MB L3 | 10.4 GT/s | 20 | 2.40 GHz | 3.70 GHz | 160 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6148 | SKYLAKE-S | QMS1 | H0 | 27.5 MB L3 | 10.4 GT/s | 20 | 2.40 GHz | 3.70 GHz | 150 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6146 | SKYLAKE-S | QN7C | H0 | 24.75 MB L3 | 10.4 GT/s | 12 | 3.20 GHz | 4.20 GHz | 165 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6144 | SKYLAKE-S | QN7D | H0 | 24.75 MB L3 | 10.4 GT/s | 8 | 3.50 GHz | 4.20 GHz | 150 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6142F | SKYLAKE-S | QN3F | H0 | 22 MB L3 | 10.4 GT/s | 16 | 2.60 GHz | 3.70 GHz | 160 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6142M | SKYLAKE-S | QMRW | H0 | 22 MB L3 | 10.4 GT/s | 16 | 2.60 GHz | 3.70 GHz | 150 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6142 | SKYLAKE-S | QMRT | H0 | 22 MB L3 | 10.4 GT/s | 16 | 2.60 GHz | 3.70 GHz | 150 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6140M | SKYLAKE-S | QMRU | H0 | 24.75 MB L3 | 10.4 GT/s | 18 | 2.30 GHz | 3.70 GHz | 140 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6140 | SKYLAKE-S | QMRS | H0 | 24.75 MB L3 | 10.4 GT/s | 18 | 2.30 GHz | 3.70 GHz | 140 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 6138F | SKYLAKE-S | QN3H | H0 | 27.5 MB L3 | 10.4 GT/s | 20 | 2.00 GHz | 3.70 GHz | 135 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 6136 | SKYLAKE-S | QMRX | H0 | 24.75 MB L3 | 10.4 GT/s | 12 | 3.00 GHz | 3.70 GHz | 150 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6134 | SKYLAKE-S | QMRL | H0 | 24.75 MB L3 | 10.4 GT/s | 8 | 3.20 GHz | 3.70 GHz | 130 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6132 | SKYLAKE-S | QN33 | H0 | 19.25 MB L3 | 10.4 GT/s | 14 | 2.60 GHz | 3.70 GHz | 140 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6130F | SKYLAKE-S | QMHX | H0 | 22 MB L3 | 10.4 GT/s | 16 | 2.10 GHz | 3.70 GHz | 135 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 6126F | SKYLAKE-S | Q MHS | H0 | 19.25 MB L3 | 10.4 GT/s | 12 | 2.60 GHz | 3.70 GHz | 135 W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6126 | SKYLAKE-S | QMRY | 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 5117F | SKYLAKE-S | QN98 | H0 | 19.25MB L3 | 10.4 GT/s | 14 | 2.00 GHz | 2.80 GHz | 113W | 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 |

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|---|----------------|------|----|------------|-----------|----|----------|----------|------|-----------|
| 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 8280M | CascadeLake SP | QRL0 | B0 | 38.5MB | 10.4 GT/s | 28 | 2.6 GHz | 4.00 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8280L | CascadeLake SP | QRL1 | B0 | 38.5MB | 10.4 GT/s | 28 | 2.6 GHz | 4.00 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8280 | CascadeLake SP | QRKZ | B0 | 38.5MB | 10.4 GT/s | 28 | 2.6 GHz | 4.00 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8276M | CascadeLake SP | QRAW | B0 | 38.5MB | 10.4 GT/s | 28 | 2.2 GHz | 4.00 GHz | 165W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8276L | CascadeLake SP | QRAV | B0 | 38.5MB | 10.4 GT/s | 28 | 2.2 GHz | 4.00 GHz | 165W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8270 | CascadeLake SP | QRAU | B0 | 35.75MB | 10.4 GT/s | 26 | 2.7 GHz | 4.00 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8268 | CascadeLake SP | QRAT | B0 | 33MB | 10.4 GT/s | 24 | 2.9 GHz | 3.90 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8260M | CascadeLake SP | QRC4 | B0 | 33MB | 10.4 GT/s | 24 | 2.3 GHz | 3.90 GHz | 165W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8260L | CascadeLake SP | QRC2 | B0 | 33MB | 10.4 GT/s | 24 | 2.3 GHz | 3.90 GHz | 165W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8256 | CascadeLake SP | QRAP | B0 | 16.5MB | 10.4 GT/s | 4 | 3.8 GHz | 3.90 GHz | 105W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8253 | CascadeLake SP | QRAN | B0 | 22MB | 10.4 GT/s | 16 | 2.2 GHz | 3.00 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6256 | CascadeLake SP | QTBQ | B1 | 33MB | 10.4 GT/s | 12 | 3.6 GHz | 4.50 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6254 | CascadeLake SP | QRAM | B0 | 24.75MB | 10.4 GT/s | 18 | 3.1 GHz | 4.00 GHz | 200W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6252 | CascadeLake SP | QRAL | B0 | 33MB | 10.4 GT/s | 24 | 2.1 GHz | 3.70 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6248 | CascadeLake SP | QRAK | B0 | 27.5MB | 10.4 GT/s | 20 | 2.5 GHz | 3.90 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6244 | CascadeLake SP | QRAJ | B0 | 24.75MB | 10.4 GT/s | 8 | 3.6 GHz | 4.40 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6242 | CascadeLake SP | QRAH | B0 | 22MB | 10.4 GT/s | 16 | 2.8 GHz | 3.90 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6240Y | CascadeLake SP | QRBX | B0 | 24.75MB | 10.4 GT/s | 18 | 2.6 GHz | 3.90 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6240 | CascadeLake SP | QRAG | B0 | 24.75MB | 10.4 GT/s | 18 | 2.6 GHz | 3.90 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6238T | CascadeLake SP | QRBW | B0 | 30.25MB | 10.4 GT/s | 22 | 1.9 GHz | 3.70 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6230 | CascadeLake SP | QRAD | B0 | 27.5MB | 10.4 GT/s | 20 | 2.1 GHz | 3.90 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 5218 | CascadeLake SP | QRA9 | B0 | 22MB | 10.4 GT/s | 16 | 2.3 GHz | 3.90 GHz | 125W | DDR4-2666 |
| Intel® Xeon® Processor Platinum 8260Y | CascadeLake SP | QRC1 | B0 | 33MB | 10.4 GT/s | 24 | 2.3 GHz | 3.90 GHz | 165W | DDR4-2933 |
| Intel® Xeon® Processor Platinum 8260 | CascadeLake SP | QRC3 | B0 | 33MB | 10.4 GT/s | 24 | 2.3 GHz | 3.90 GHz | 165W | DDR4-2933 |
| Intel® Xeon® Processor Gold 5220 | CascadeLake SP | QRGH | L0 | 24.75MB | 10.4 GT/s | 18 | 2.2 GHz | 3.90 GHz | 125W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5218N | CascadeLake SP | QRGD | L0 | 22MB | 10.4 GT/s | 16 | 2.3 GHz | 3.70 GHz | 105W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5218B | CascadeLake SP | QRGE | L0 | 22MB | 10.4 GT/s | 16 | 2.3 GHz | 3.90 GHz | 125W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5217 | CascadeLake SP | QRGC | L0 | 11MB | 10.4 GT/s | 8 | 3.0 GHz | 3.70 GHz | 115W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5215L | CascadeLake SP | QRGB | L0 | 13.75MB | 10.4 GT/s | 10 | 2.5 GHz | 3.40 GHz | 85W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5215M | CascadeLake SP | QRGA | L0 | 13.75MB | 10.4 GT/s | 10 | 2.5 GHz | 3.40 GHz | 85W | DDR4-2666 |
| Intel® Xeon® Processor Gold 5215 | CascadeLake SP | QRG9 | L0 | 13.75MB | 10.4 GT/s | 10 | 2.5 GHz | 3.40 GHz | 85W | DDR4-2666 |
| Intel® Xeon® Processor Silver 4216 | CascadeLake SP | QRG8 | L0 | 22MB | 9.6 GT/s | 16 | 2.1 GHz | 3.20 GHz | 100W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4215 | CascadeLake SP | QRG7 | L0 | 11MB | 9.6 GT/s | 8 | 2.5 GHz | 3.50 GHz | 85W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4214Y | CascadeLake SP | QRHY | L0 | 16.5MB | 9.6 GT/s | 12 | 2.2 GHz | 3.20 GHz | 85W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4214 | CascadeLake SP | QRG6 | L0 | 16.5MB | 9.6 GT/s | 12 | 2.2 GHz | 3.20 GHz | 85W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4210 | CascadeLake SP | QPJF | R0 | 13.75MB | 9.6 GT/s | 10 | 2.2 GHz | 3.20 GHz | 85W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4209T | CascadeLake SP | QPJM | R0 | 11MB | 9.6 GT/s | 8 | 2.2 GHz | 3.20 GHz | 70W | DDR4-2133 |
| Intel® Xeon® Processor Silver 4208 | CascadeLake SP | QPJG | R0 | 11MB | 9.6 GT/s | 8 | 2.1 GHz | 3.20 GHz | 85W | DDR4-2133 |
| Intel® Xeon® Processor Gold 6252N | CascadeLake SP | QS1W | B1 | 35.75MB | 10.4 GT/s | 24 | 2.3 GHz | 3.60 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 5218T | CascadeLake SP | QS1T | B1 | 22MB | 10.4 GT/s | 16 | 2.1 GHz | 3.80 GHz | 105W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6240M | CascadeLake SP | QS25 | B1 | 24.75MB | 10.4 GT/s | 18 | 2.6 GHz | 3.90 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 5220S | CascadeLake SP | QS1Z | B1 | 24.75MB | 10.4 GT/s | 18 | 2.7 GHz | 3.90 GHz | 125W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6222V | CascadeLake SP | QS2C | B1 | 27.5 MB | 10.4 GT/s | 20 | 1.8 GHz | 3.60 GHz | 115W | DDR4-2400 |
| Intel® Xeon® Processor Gold 6238M | CascadeLake SP | QS27 | B1 | 30.25MB | 10.4 GT/s | 22 | 2.1 GHz | 3.70 GHz | 140W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6262V | CascadeLake SP | QS2B | B1 | 33MB | 10.4 GT/s | 24 | 1.9 GHz | 3.60 GHz | 135W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6234 | CascadeLake SP | QS1U | B1 | 24.75MB | 10.4 GT/s | 8 | 3.3 GHz | 4.00 GHz | 130W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6226 | CascadeLake SP | QS1V | B1 | 19.25MB | 10.4 GT/s | 12 | 2.7 GHz | 3.70 GHz | 125W | DDR4-2933 |

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|--|---------------------|-----------------|------|-----------------|-----------|---------|--------------------|------------------|-------------|-----------|
| Intel® Xeon® Processor Gold 6230N | CascadeLake SP | QS1X | B1 | 27.5MB | 10.4 GT/s | 20 | 2.3 GHz | 3.50 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 5220T | CascadeLake SP | QS1R | B1 | 24.75MB | 10.4 GT/s | 18 | 1.9 GHz | 3.90 GHz | 105W | DDR4-2666 |
| Intel® Xeon® Processor Gold 6246 | CascadeLake SP | QS1Q | B1 | 24.75MB | 10.4 GT/s | 8 | 3.3 GHz | 4.20 GHz | 165W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6238 | CascadeLake SP | QS1S | B1 | 30.25MB | 10.4 GT/s | 22 | 2.1 GHz | 3.70 GHz | 140W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6230T | CascadeLake SP | QS1Y | B1 | 27.5MB | 10.4 GT/s | 20 | 2.1 GHz | 3.90 GHz | 125W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6240L | CascadeLake SP | QS26 | B1 | 24.75MB | 10.4 GT/s | 18 | 2.6 GHz | 3.90 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6238L | CascadeLake SP | QS28 | B1 | 30.25MB | 10.4 GT/s | 22 | 2.1 GHz | 3.70 GHz | 140W | DDR4-2933 |
| 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 6250 | CascadeLake refresh | SRGTR | B1 | 35.75MB | 10.4 GT/s | 8 | 3.9 GHz | 4.5 GHz | 185W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6258R | CascadeLake refresh | SRGZF | B1 | 38.50MB | 10.4 GT/s | 28 | 2.7GHz | 4.0 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6248R | CascadeLake refresh | SRGZG | B1 | 35.75MB | 10.4 GT/s | 24 | 3.0 GHz | 4.0 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6246R | CascadeLake refresh | SRGZL | B1 | 35.75MB | 10.4 GT/s | 16 | 3.4 GHz | 4.1 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6242R | CascadeLake refresh | SRGZJ | B1 | 35.75MB | 10.4 GT/s | 20 | 3.1 GHz | 4.1 GHz | 205W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6240R | CascadeLake refresh | SRGZ8 | B1 | 35.75MB | 10.4 GT/s | 24 | 2.4 GHz | 4.0 GHz | 165W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6238R | CascadeLake refresh | SRGZ9 | B1 | 38.50MB | 10.4 GT/s | 28 | 2.2 GHz | 4.0 GHz | 165W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6230R | CascadeLake refresh | SRGZA | B1 | 35.75MB | 10.4 GT/s | 26 | 2.1 GHz | 4.0 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Gold 6226R | CascadeLake refresh | SRGZC | B1 | 22MB | 10.4 GT/s | 16 | 2.9 GHz | 3.9 GHz | 150W | DDR4-2933 |
| Intel® Xeon® Processor Silver 4215R | CascadeLake refresh | SRGZE | B1 | 11MB | 10.4 GT/s | 8 | 3.2 GHz | 4.0 GHz | 130W | DDR4-2400 |
| Intel® Xeon® Processor Gold 5220R | CascadeLake refresh | SRGZP | B1 | 35.75MB | 10.4 GT/s | 24 | 2.2 GHz | 4.0 GHz | 150W | DDR4-2666 |
| 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 | | | | | | | | | | |
| Montage Jintide® C24601 | Jintide | SREUN | H0 | 33MB | 10.4 GT/s | 24 | 1.8 GHz | 2.4 GHz | 150W | DDR4 |
| Montage Jintide® C10201 | Jintide | SREUK | H0 | 13.75MB | 9.6 GT/s | 10 | 1.8 GHz | 2.0 GHz | 85W | DDR4 |
| Montage Jintide® C08101 | Jintide | SREUL | H0 | 11MB | 9.6 GT/s | 8 | 1.8 GHz | 2.0 GHz | 85W | DDR4 |
| Montage Jintide® C16401 | Jintide | SREUM | H0 | 22MB | 10.4 GT/s | 16 | 1.8 GHz | 2.4 GHz | 125W | DDR4 |
| Montage Jintide® C12301 | Jintide | SREUH | H0 | 16.5MB | 10.4 GT/s | 12 | 1.8 GHz | 2.0 GHz | 105W | DDR4 |
| Montage Jintide® C14501 | Jintide | SREUJ | H0 | 19.25MB | 10.4 GT/s | 14 | 1.8 GHz | 2.0 GHz | 105W | DDR4 |
| Memory | | | | | | | | | | |
| Product Name | Memory Type | Module Supplier | Size | Chip Brand | Rank | Voltage | Data Transfer Rate | Error Correction | CAS Latency | Pins |
| RDIMM | | | | | | | | | | |
| M393A4K40CB2-CTD7Q | DDR4 | Samsung | 32GB | Samsung-IDT | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| M393A2K40CB2-CTD6Q | DDR4 | Samsung | 16GB | Samsung-Montage | 1Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| M393A4K40BB2-CTD | DDR4 | Samsung | 32GB | Samsung | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT8G4RFS8266.9FD1 | DDR4 | Crucial | 8GB | Micron | 1Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA9ASF1G72PZ-2G6D1QI | DDR4 | Micron | 8GB | Micron | 1Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT16G4RFD8266-2G6E1.001 | DDR4 | Crucial | 16GB | Micron-Montage | 2Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT16G4RFD8266.18FE1 | DDR4 | Crucial | 16GB | Micron | 2Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA18ASF2G72PDZ-2G6E1QG | DDR4 | Micron | 16GB | Micron | 2Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT8G4RFD8266.18FE1 | DDR4 | Crucial | 8GB | Micron | 2R X8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT8G4RFD8266-2G6E1 | DDR4 | Crucial | 8GB | Micron | 2R X8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA18ASF1G72PDZ-2G6E1RG | DDR4 | Micron | 8GB | Micron | 2R X8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT16G4RFS4266.18FD1 | DDR4 | Crucial | 16GB | Micron | 1Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA18ASF2G72PZ-2G6D1QI | DDR4 | Micron | 16GB | Micron | 1Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |

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|-------------------------|------|----------|------|-----------------|------|------|---------|----------------|----|---------|
| CT16G4RFD8266.18FD1 | DDR4 | Crucial | 16GB | Micron | 2Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT16G4RFD8266.2G6D1 | DDR4 | Crucial | 16GB | Micron | 2Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA18ASF2G72PDZ-2G6D1 | DDR4 | Micron | 16GB | Micron | 2Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT32G4RFD4266.2G6E1.001 | DDR4 | Crucial | 32GB | Micron | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT32G4RFD4266.36FE1 | DDR4 | Crucial | 32GB | Micron | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA36ASF4G72PZ-2G6E1 | DDR4 | Micron | 32GB | Micron | 2Rx4 | 1.2V | 2666MHz | ECC Registered | 19 | 288-pin |
| CT32G4RFD4266.36FD1 | DDR4 | CRUCIAL | 32GB | Micron | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT32G4RFD4266-2G6D1.001 | DDR4 | CRUCIAL | 32GB | Micron | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT16G4RFD4266-2G6E1.001 | DDR4 | Crucial | 16GB | Micron | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA36ASF2G72PZ-2G6E1 | DDR4 | Micron | 16GB | Micron | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| CT16G4RFD8266-2G6H1.001 | DDR4 | CRUCIAL | 16GB | Micron | 2Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA18ASF2G72PDZ-2G6H1QG | DDR4 | Micron | 16GB | Micron | 2Rx8 | 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 | Micron | 32GB | Micron | 2Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| HMA82GR7AFR4N-VKT3 | DDR4 | SKhynix | 16GB | Skhynix-Montage | 1Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| HMA82GR7AFR4N-VKTF | DDR4 | SKhynix | 16GB | Skhynix-IDT | 1Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| HMA82GR7AFR8N-VKT3 | DDR4 | SKhynix | 16GB | Skhynix-Montage | 2Rx8 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| HMA84GR7AFR4N-VKT3 | DDR4 | SKhynix | 32GB | Skhynix-Montage | 2Rx4 | 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 |
| CT16G4RFS4266.18FD1 | DDR4 | Crucial | 16GB | Micron | 1Rx4 | 1.2v | 2666MHz | ECC Registered | 19 | 288-pin |
| MTA18ASF2G72PZ-2G6D1QI | DDR4 | Micron | 16GB | Micron | 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 |
| 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 |
| 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 |
| 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 |

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|----------------------------------|------|----------|------|----------------------|------|------|---------|----------------|----|---------|
| MTA18ASF2G72PDZ.2G9E1VG | DDR4 | Micron | 16GB | Micron-IDT | 2Rx8 | 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 |
| 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 |
| HMA81GR7CJR8N-WM TG | DDR4 | SKhynix | 8GB | SKhynix-IDT | 1Rx8 | 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 |
| HMA84GR7CJR4N-WM TG | DDR4 | SKhynix | 32GB | SKhynix-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 |
| KSM29RD4/32MEI | DDR4 | Kingston | 32GB | Micron-IDT | 2Rx4 | 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 |
| 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-2G9J3V1 | DDR4 | Micron | 16GB | Micron-IDT | 2Rx8 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| MTA18ASF2G72PDZ-2G9J3T1 | 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 |

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|--|-------------|-----------------|-------------|-----------------|----------|-----------------|--|----------------|------|------------|
| 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 |
| 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 |
| LRDIMM | | | | | | | | | | |
| M386A8K40CM2-CVFBY | DDR4 | Samsung | 64GB | Samsung-IDT | 4DRx4 | 1.2v | 2933MHz | ECC Registered | 21 | 288-pin |
| Intel Optane™ Persistent Memory 100 Series (Apache PASS) Due to thermal limitaiton, please mark as orange color if test pass | | | | | | | | | | |
| Product Name | Memory Type | Module Supplier | Size | TDP | Pins | Note | | | | |
| NMA1XBD128G2SE 3DXP PAK 1 | DDR-T | Intel | 128GB | 15W | 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 | | | | | | | | | | |
| ST1000NX0313 | SATA | Seagate | 2.5" | 512e | 1TB | 6Gb/s | Exos 7E2000 (Enterprise Capacity V.3) | 128MB | 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 |
| ST2000NX0253 | SATA | Seagate | 2.5" | 512E | 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 | | | | | | | | | | |
| SSDSC2KB480G701 (Series DC S4500) | SSD | Intel | 2.5" | SATA | 480GB | 6Gb/s | | | | |
| SSDSC2KB960G701 (Series DC S4500) | SSD | Intel | 2.5" | SATA | 960GB | 6Gb/s | | | | |
| SSDSC2KG019T701 (Series DC S4600) | SSD | Intel | 2.5" | SATA | 1.92TB | 6Gb/s | | | | |
| MZ7KM1T9HJMJP-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 | | | | |
| Micron 5100 MTFDDAK960TBY-1AR1ZABYY | SSD | Micron | 2.5" | SATA | 960GB | 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 | | | | |
| 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 | | | | |
| 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 | | | | |

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|--|-------------------------|---------------------------|----------------|----------------------------------|-------------------|----------------------------------|----------------------------------|----------------------------|
| SEDC500M/480G DC500M Series | SSD | Kingston | 2.5" | SATA | 480GB | 6Gb/s | | |
| SSB240GTLCG-D2-SME520GBT ESM1220 Series | SSD | Phison | 2.5" | SATA | 240GB | 6Gb/s | | |
| SSB480GTLCG-D2-SME520GBT ESM1220 Series | SSD | Phison | 2.5" | SATA | 480GB | 6Gb/s | | |
| SSB960GTLCG-D2-SME520GBT ESM1220 Series | SSD | Phison | 2.5" | SATA | 960GB | 6Gb/s | | |
| SSB1K9GTLCG-D2-SME520GBT ESM1220 Series | SSD | Phison | 2.5" | SATA | 1.92TB | 6Gb/s | | |
| PCIe SSD | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | FW | Note |
| Samsung PM1725b MZPLL3T2HAJQ PCIe Gen3 x8 3.2TB | PCIe | Samsung | PCI-E 3.0 | PCIe(NVMe) | 3.2TB | - | | |
| Netlist N1951 E3 NS1951AH33T2 Gen3 x8 3.2TB | PCIe | Netlist | PCI-E 3.0 | PCIe(NVMe) | 3.2TB | - | | |
| U.2 | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Capacity | Interface Speed | | Note |
| U.2 (VROC support) | | | | | | | | |
| SSDPE2KX010T701 P4500 Series | U.2 | Intel | 2.5" | SFF8639(NVMe) | 1TB | - | | |
| U.2 | | | | | | | | |
| SSDPE2KX010T701 P4500 Series | U.2 | Intel | 2.5" | SFF8639(NVMe) | 1TB | - | | |
| MZ-QLB1T9N 983 DCT Series | U.2 | Samsung | 2.5" | SFF8639(NVMe) | 1.92TB | - | | |
| MZQLW1T9HMLJP PM963 Series | U.2 | Samsung | 2.5" | SFF8639(NVMe) | 1.92TB | - | | |
| MTFDHAL3T2MCE | U.2 | Micron | 2.5" | SFF8639(NVMe) | 3.2TB | - | | |
| KCD51LUG960G CD5 Series | U.2 | Toshiba | 2.5" | SFF8639(NVMe) | 960GB | - | | |
| NS1951UF13T8 Netlist N1951 D2 Series | U.2 | Netlist | 2.5" | SFF8639(NVMe) | 3.84TB | - | | |
| NS1551U711T9 Netlist N1551 D2 Series | U.2 | Netlist | 2.5" | SFF8639(NVMe) | 1.92TB | - | | |
| MTFDHBE3T8TDF 7300 Pro Series | U.2 | Micron | 2.5" | SFF8639(NVMe) | 3.84TB | Gen3 x4 | | |
| MTFDHBE960TDF 7300 Pro Series | U.2 | Micron | 2.5" | SFF8639(NVMe) | 960GB | Gen3 x4 | | MTFDHBE960TDF-1AW4ZABYY |
| MTFDHBE1T6TDG 7300 Max Series | U.2 | Micron | 2.5" | SFF8639(NVMe) | 1.6TB | Gen3 x4 | | MTFDHBE1T6TDG-1AW1ZABYY |
| PWFX100 3.2TB | U.2 | PHISON | 2.5" | SFF8639(NVMe) | 3.2TB | PCIe Gen3 x4 | | |
| M.2 PCIe Card | | | | | | | | |
| Product Name | Type | Vendor | Form Factor | Interface | Max. Channels | Interface Speed | | Note |
| CMT4032 | PCIe | Gigabyte | 22110 | PCIe(NVMe) | 2 | Gen3 x 8bus | | |
| CMT4034 | PCIe | Gigabyte | 22110 | PCIe(NVMe) | 4 | Gen3 x 16bus | | |
| SATA DOM | | | | | | | | |
| Product Name | Type | Vendor | Capacity | Flash Type | Max. Channels | Max. Power Consumption | | Note |
| SATA III | | | | | | | | |
| Innodisk SATADOM-SL 3ME4 DESSL-A28M41BCADCB-D33 | Vertical | INNODISK | 128GB | MLC | 1 | 1.02 W | | |
| Innodisk SATADOM-SL 3ME4 DESSL-64GM41BC1SCB | Vertical | INNODISK | 64GB | MLC | 1 | 0.734 W | | |
| Innodisk SATADOM-ML 3ME4 DESML-64GM41BCADCB | Vertical | INNODISK | 64GB | MLC | 2 | 0.815 W | | |
| Innodisk SATADOM-SH TYPE C 3ME4 DESSC-64GM41BC1SCB | Horizontal | INNODISK | 64GB | MLC | 1 | 0.626 W | | |
| 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) 16GB | 5120 | 900 GB/s | 16GB | | | 250 W | - | Maximum support 4pcs GPGPU |
| T4 (TURING) | 2560 | 320 GB/s | 16GB | | | 70 W | - | Maximum support 4pcs 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 | | | | | | | | |
| RA201-A | LSI SAS 2208 | PCIe- x8 Gen3 x8 bus | 8 | 2 x Mini-SAS for 8x SAS | - | - | 6Gb/s ports | |
| CRA3338 | LSI SAS 3008 | PCIe- x8 Gen3 x8 bus | 8 | 2 xMini-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 | |
| 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 | |
| CRA4448 | LSI SAS 3108 | PCIe- x8 Gen3 x8 bus | 8 | 2 x internal Mini-SAS HD SFF8643 | - | - | 12Gb/s ports | |
| PMC RAID Cards (Adaptec) | | | | | | | | |

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|---|-----------|-----------------------|------------|-------------------------------------|--------------------------------------|-------------------------------------|-----------------|--|
| Adaptec ASR-8885Q | - | 8-lane PCIe Gen3 | 8 | 2 x internal mini SAS HD (SFF-8643) | 8 | 2 x external mini SAS HD (SFF-8644) | 12Gb/s per port | |
| Adaptec ASR-81605ZQ | - | 8-lane PCIe Gen3 | 16 | 4 x internal mini SAS HD (SFF-8643) | - | - | 12Gb/s per port | |
| LAN Cards | | | | | | | | |
| Product Name | Connector | System Interface Type | # of Ports | System Interface Type | Data rate | Note | | |
| GIGABYTE LAN Cards | | | | | | | | |
| CLN4121 | RJ-45 | PCIe x4 Gen3 x4 | single | | 10Gb/s per port | INTEL X550-AT | | |
| CLN4222 | RJ-45 | PCIe x4 Gen3 x4 | Dual | | 10Gb/s per port | INTEL X550-AT2 | | |
| CLN4312 | RJ-45 | PCIe x4 Gen2 x4 | Dual | | 1Gb/s per port | INTEL i350-AM2 | | |
| CLN4314 | RJ-45 | PCIe x4 Gen2 x4 | Quad | | 1Gb/s per port | INTEL i350-AM4 | | |
| CLN4751 | QSFP+ | PCIe x8 Gen3 x8 | Single | | 40Gb/s per port | INTEL XL710 | | |
| CLN4752 | QSFP+ | PCIe x8 Gen3 x8 | Dual | | 40Gb/s per port | INTEL XL710 | | |
| CLN4831 | SFP+ | PCIe x8 Gen2 x8 | Single | | 10Gb/s per port | INTEL 82599EN | | |
| CLN4832 | SFP+ | PCIe x8 Gen2 x8 | Dual | | 10Gb/s per port | INTEL 82599ES | | |
| CLN4C42 | SFP28 | PCIe Gen3 x16 | Dual | | 25Gb/s per port | Mellanox ConnectX-4 | | |
| CLN4M32 | SFP28 | PCIe Gen3 x16 | Dual | | 10Gb/s per port | Mellanox ConnectX-4 | | |
| GC-MNXE21 | SFP+ | PCIe x8 Gen3 x8 | Dual | | 10Gb/s per port | Mellanox ConnectX-3 | | |
| GC-MLBZ1 | SFP+ | PCIe x8 Gen2 x8 | Dual | | 10Gb/s per port | Broadcom BCM57810S | | |
| Mellanox VPI Adapter Cards | | | | | | | | |
| MCX556A-ECAT | QSFP28 | PCIe3.0 x16 | Dual | EDR IB (100Gb/s) | Mellanox ConnectX-5 VPI (InfiniBand) | | | |
| 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 | | |
| MCX4121A-ACAT | SFP28 | PCIe Gen3 x8 | Dual | | 25Gb/s per port | Mellanox ConnectX-4 Lx EN | | |
| Solarflare Onload Server Adapters | | | | | | | | |
| SFN8522-PLUS | QSFP+ | PCIe 3.1 x8 | Dual | | 10Gb/s per port | | | |
| SFN8522-ScaleOut Onload | QSFP+ | PCIe 3.1 x8 | Dual | | 10Gb/s per port | | | |
| Qlogic LAN Adapters | | | | | | | | |
| QLE3442-RJ-CK | RJ-45 | PCIe x8 Gen3 x8 | Dual | | 10Gb/s per port | | | |
| Broadcom FC Host Bus Adapter | | | | | | | | |
| LPa32002-M2 | SFP+ | PCIe 3.0 x8 | Dual | | 32Gb/s per port | XE501 controller | | |
| Intel Omni-Path Host Fabric | | | | | | | | |
| Intel® Omni-Path Host Fabric Adapters 100HFA016LS | QSFP28 | PCIe v3.0 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 | | | | | | |