

QVL Support List

MS74-HB0 (Rev. 1.x)

Intel CPU

| Product Name                                  | Vendor | Code Name         | Q-Spec | Stepping | Cache | # of Cores | Processor Base Frequency (GHz) | Max Turbo Frequency (GHz) | TDP  | Memory Types |
|-----------------------------------------------|--------|-------------------|--------|----------|-------|------------|--------------------------------|---------------------------|------|--------------|
| Sierra Forest-SP - Intel® Xeon® 6 Processors  |        |                   |        |          |       |            |                                |                           |      |              |
| Intel® Xeon® 6 6710E                          | Intel  | Sierra Forest-SP  | Q4W3   | C-0      | 96MB  | 64         | 2.4                            | 3.2                       | 205W | DDR5-5600    |
| Intel® Xeon® 6 6740E                          | Intel  | Sierra Forest-SP  | Q4VV   | C-0      | 96MB  | 96         | 2.4                            | 3.2                       | 250W | DDR5-6400    |
| Intel® Xeon® 6 6746E                          | Intel  | Sierra Forest-SP  | Q4W2   | C-0      | 96MB  | 112        | 2                              | 2.7                       | 250W | DDR5-5600    |
| Intel® Xeon® 6 6756E                          | Intel  | Sierra Forest-SP  | Q4VY   | C-0      | 96MB  | 128        | 1.8                            | 2.6                       | 225W | DDR5-6400    |
| Intel® Xeon® 6 6766E                          | Intel  | Sierra Forest-SP  | Q4VX   | C-0      | 108MB | 144        | 1.9                            | 2.7                       | 250W | DDR5-6400    |
| Intel® Xeon® 6 6780E                          | Intel  | Sierra Forest-SP  | Q4WS   | C-0      | 108MB | 144        | 2.2                            | 3                         | 330W | DDR5-6400    |
| Granite Rapids-SP - Intel® Xeon® 6 Processors |        |                   |        |          |       |            |                                |                           |      |              |
| Intel® Xeon® 6 6787P                          | Intel  | Granite Rapids-SP | SRV5E  | B-2      | 336MB | 86         | 2                              | 3.8                       | 350W | DDR5-6400    |
| Intel® Xeon® 6 6767P                          | Intel  | Granite Rapids-SP | SRV5F  | B-2      | 336MB | 64         | 2.4                            | 3.9                       | 350W | DDR5-6400    |
| Intel® Xeon® 6 6760P                          | Intel  | Granite Rapids-SP | Q62W   | B-2      | 320MB | 64         | 2.2                            | 3.8                       | 330W | DDR5-6400    |
| Intel® Xeon® 6 6747P                          | Intel  | Granite Rapids-SP | SRVEZ  | B-2      | 288MB | 48         | 2.7                            | 3.9                       | 330W | DDR5-6400    |
| Intel® Xeon® 6 6740P                          | Intel  | Granite Rapids-SP | SRV5H  | B-2      | 288MB | 48         | 2.1                            | 3.8                       | 270W | DDR5-6400    |
| Intel® Xeon® 6 6737P                          | Intel  | Granite Rapids-SP | Q7C6   | H-0      | 144MB | 32         | 2.9                            | 4                         | 270W | DDR5-6400    |
| Intel® Xeon® 6 6736P                          | Intel  | Granite Rapids-SP | Q7AV   | H-0      | 144MB | 36         | 2                              | 4.1                       | 205W | DDR5-6400    |
| Intel® Xeon® 6 6730P                          | Intel  | Granite Rapids-SP | SRV5R  | B-2      | 288MB | 32         | 2.5                            | 3.8                       | 250W | DDR5-6400    |
| Intel® Xeon® 6 6530P                          | Intel  | Granite Rapids-SP | Q7C4   | H-0      | 144MB | 32         | 2.3                            | 4.1                       | 225W | DDR5-6400    |
| Intel® Xeon® 6 6520P                          | Intel  | Granite Rapids-SP | Q7C3   | H-0      | 144MB | 24         | 2.4                            | 4                         | 210W | DDR5-6400    |
| Intel® Xeon® 6 6517P                          | Intel  | Granite Rapids-SP | Q7HZ   | L-0      | 72MB  | 16         | 3.2                            | 4.2                       | 190W | DDR5-6400    |
| Intel® Xeon® 6 6507P                          | Intel  | Granite Rapids-SP | Q7J2   | L-0      | 48MB  | 8          | 3.2                            | 4.3                       | 150W | DDR5-6400    |
| Intel® Xeon® 6 6505P                          | Intel  | Granite Rapids-SP | Q7J4   | L-0      | 48MB  | 12         | 2.2                            | 4.1                       | 150W | DDR5-6400    |

Memory

| Product Name             | Vendor   | Memory Type | Size | Chip Brand      | Rank | Voltage | Data Transfer Rate | Error Correction | Pins    | Remark |
|--------------------------|----------|-------------|------|-----------------|------|---------|--------------------|------------------|---------|--------|
| DDR5 RDIMM               |          |             |      |                 |      |         |                    |                  |         |        |
| AO4V48UCUX2-BINS         | ADATA    | DDR5        | 64GB | SKhynix-Montage | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| KSM48R40BS8KMM-16HMR     | Kingston | DDR5        | 16GB | Skhynix-Rambus  | 1Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| KSM48R40BS4TMM-32HMR     | Kingston | DDR5        | 32GB | Skhynix-Rambus  | 1Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| KSM48R40BD8KMM-32HMR     | Kingston | DDR5        | 32GB | Skhynix-Rambus  | 2Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| KSM48R40BD4TMM-64HMR     | Kingston | DDR5        | 64GB | Skhynix-Rambus  | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC10F1084S1RC48BA1 HCCG | Micron   | DDR5        | 16GB | Micron-IDT      | 1Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC10F1084S1RC48BA1 NGCC | Micron   | DDR5        | 16GB | Micron-IDT      | 1Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC10F108YS1RC48BB1      | Micron   | DDR5        | 24GB | Micron          | 1Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC20F1045S1RC48BA2 NGCC | Micron   | DDR5        | 32GB | Micron-IDT      | 1Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC20F2085S1RC48BA1 HCCG | Micron   | DDR5        | 32GB | Micron-IDT      | 2Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC20F2085S1RC48BA1 HCCH | Micron   | DDR5        | 32GB | Micron-Rambus   | 2Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC20F2085S1RC48BA1 NGCC | Micron   | DDR5        | 32GB | Micron-IDT      | 2Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC18F1045S1PC48BA2 NGCC | Micron   | DDR5        | 32GB | Micron-IDT      | 1Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC20F1045S1RC48BA2 HCCH | Micron   | DDR5        | 32GB | Micron-Rambus   | 1Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC40F2046S1RC48BA1 FICC | Micron   | DDR5        | 64GB | Micron-Montage  | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC40F2046S1RC48BA1 FCCI | Micron   | DDR5        | 64GB | Micron-Montage  | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC40F2046S1RC48BA1 GCCG | Micron   | DDR5        | 64GB | Micron-IDT      | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| MTC36F2046S1PC48BA1 MHCC | Micron   | DDR5        | 64GB | Micron-Rambus   | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| M321R2GA3BB6-CQKEG       | Samsung  | DDR5        | 16GB | Samsung-IDT     | 1Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| M321R2GA3BB6-CQKVS       | Samsung  | DDR5        | 16GB | Samsung-Rambus  | 1Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| M321R4GA3BB6-CQKMG       | Samsung  | DDR5        | 32GB | Samsung-Montage | 2Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| M321R8GA0BB0-CQKZJ       | Samsung  | DDR5        | 64GB | Samsung-Rambus  | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| M321R8GA0BB0-CQKDG       | Samsung  | DDR5        | 64GB | Samsung-IDT     | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| M321R8GA0BB0-CQKEG       | Samsung  | DDR5        | 64GB | Samsung-IDT     | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| M321RYGA0BB0-CQKZJ       | Samsung  | DDR5        | 96GB | Samsung-Rambus  | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| HMCG78AEBRA115N AA       | SKhynix  | DDR5        | 16GB | SKhynix-IDT     | 1Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| HMCG78AEBRA107N AA       | SKhynix  | DDR5        | 16GB | SKhynix-Montage | 1Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |

| Product Name             | Vendor   | Memory Type | Size | Chip Brand      | Rank | Voltage | Data Transfer Rate | Error Correction | Pins    | Remark |
|--------------------------|----------|-------------|------|-----------------|------|---------|--------------------|------------------|---------|--------|
| HMCG88AEBRA107N AA       | SKhynix  | DDR5        | 32GB | SKhynix-Montage | 2Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| HMCG84AEBRA107N AA       | SKhynix  | DDR5        | 32GB | SKhynix-Montage | 1Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| HMCG88MEBRA113N AA       | SKhynix  | DDR5        | 32GB | SKhynix-IDT     | 2Rx8 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| HMCG94MEBRA109N AA       | SKhynix  | DDR5        | 64GB | SKhynix-Montage | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| HMCG94AEBRA109N AA       | SKhynix  | DDR5        | 64GB | SKhynix-Montage | 2Rx4 | 1.1v    | 4800MHz            | ECC Registered   | 288-pin |        |
| KSM56R46BS8PMI-16MDI     | Kingston | DDR5        | 16GB | Micron-Renesas  | 1Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| KSM56R46BS8PMI-16HAI     | Kingston | DDR5        | 16GB | Skhynix-Renesas | 1Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| KSM56R46BS4PMI-32HAI     | Kingston | DDR5        | 32GB | Skhynix-Renesas | 1Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| KSM56R46BD8PMI-32HAI     | Kingston | DDR5        | 32GB | Skhynix-Renesas | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| KSM56R46BD8PMI-32MDI     | Kingston | DDR5        | 32GB | Micron-Renesas  | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| KSM56R46BD4PMI-64MDI     | Kingston | DDR5        | 64GB | Micron-Renesas  | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| KSM56R46BD4PMI-64HAI     | Kingston | DDR5        | 64GB | Skhynix-Renesas | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| KSM56R46BD4PMI-96MBI     | Kingston | DDR5        | 96GB | Micron-Renesas  | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| MTC10F1084S1RC56BD1 MMCC | Micron   | DDR5        | 16GB | Micron-Montage  | 1Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| MTC10F108YS1RC56BB1 NMCC | Micron   | DDR5        | 24GB | Micron-Montage  | 1Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| MTC20F2085S1RC56BD1 MMCC | Micron   | DDR5        | 32GB | Micron-Montage  | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| MTC20F1045S1RC56BD1 MMCC | Micron   | DDR5        | 32GB | Micron-Montage  | 1Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| MTC20F208XS1RC56BB1 MMCC | Micron   | DDR5        | 48GB | Micron-Montage  | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| MTC20F104XS1RC56BB1 MPFF | Micron   | DDR5        | 48GB | Micron-Renesas  | 1Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| MTC40F2046S1RC56BD1 MMCC | Micron   | DDR5        | 64GB | Micron-Montage  | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| MTC40F204WS1RC56BB1 IMCC | Micron   | DDR5        | 96GB | Micron-Montage  | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R2GA3PB0-CWMKH       | Samsung  | DDR5        | 16GB | Samsung-Montage | 1Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R2GA3PB0-CWMXH       | Samsung  | DDR5        | 16GB | Samsung-Rambus  | 1Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R3GA3PB0-CWMCH       | Samsung  | DDR5        | 24GB | Samsung-Renesas | 1Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R3GA3PB0-CWMXH       | Samsung  | DDR5        | 24GB | Samsung-Rambus  | 1Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R4GA3PB0-CWMKH       | Samsung  | DDR5        | 32GB | Samsung-Montage | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R4GA3PB0-CWMXH       | Samsung  | DDR5        | 32GB | Samsung-Rambus  | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R4GA0PB0-CWMXH       | Samsung  | DDR5        | 32GB | Samsung-Rambus  | 1Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |

| Product Name        | Vendor  | Memory Type | Size  | Chip Brand      | Rank | Voltage | Data Transfer Rate | Error Correction | Pins    | Remark |
|---------------------|---------|-------------|-------|-----------------|------|---------|--------------------|------------------|---------|--------|
| M321R4GA0PB0-CWMKH  | Samsung | DDR5        | 32GB  | Samsung-Montage | 1Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R6GA3PB0-CWMXH  | Samsung | DDR5        | 48GB  | Samsung-Rambus  | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R6GA3PB0-CWMCH  | Samsung | DDR5        | 48GB  | Samsung-Renesas | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R6GA0PB0-CWMXH  | Samsung | DDR5        | 48GB  | Samsung-Rambus  | 1Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R6GA0PB0-CWMCH  | Samsung | DDR5        | 48GB  | Samsung-Renesas | 1Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R8GA0PB0-CWMXH  | Samsung | DDR5        | 64GB  | Samsung-Rambus  | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321RYGA0PB0-CWMKH  | Samsung | DDR5        | 96GB  | Samsung-Montage | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321RYGA0PB0-CWMCH  | Samsung | DDR5        | 96GB  | Samsung-Renesas | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321RAJA0MB0-CWMJH  | Samsung | DDR5        | 128GB | Samsung-Montage | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| HMC G88AGBRA190N BB | Skhynix | DDR5        | 32GB  | Skhynix-Montage | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| HMC GY8MGBRB228N AA | Skhynix | DDR5        | 48GB  | Skhynix-Montage | 2Rx8 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| HMC G94AGBRA181N BB | Skhynix | DDR5        | 64GB  | Skhynix-Montage | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| HMC GM4MGBRB248N AA | Skhynix | DDR5        | 96GB  | Skhynix-Rambus  | 2Rx4 | 1.1v    | 5600MHz            | ECC Registered   | 288-pin |        |
| M321R2GA3PB2-CCPPC  | Samsung | DDR5        | 16GB  | Samsung-Montage | 1Rx8 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R2GA3PB2-CCPWC  | Samsung | DDR5        | 16GB  | Samsung-Rambus  | 1Rx8 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R3GA3PB2-CCPKC  | Samsung | DDR5        | 24GB  | Samsung-Montage | 1Rx8 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R4GA0PB2-CCPWC  | Samsung | DDR5        | 32GB  | Samsung-Rambus  | 1Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R4GA3PB2-CCPWC  | Samsung | DDR5        | 32GB  | Samsung-Rambus  | 2Rx8 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R4GA0PB2-CCPPC  | Samsung | DDR5        | 32GB  | Samsung-Montage | 1Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R4GA3PB2-CCPPC  | Samsung | DDR5        | 32GB  | Samsung-Montage | 2Rx8 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R6GA0PB2-CCPKC  | Samsung | DDR5        | 48GB  | Samsung-Montage | 1Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R8GA0PB2-CCPKC  | Samsung | DDR5        | 64GB  | Samsung-Montage | 2Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R8GA0PB2-CCPPC  | Samsung | DDR5        | 64GB  | Samsung-Montage | 2Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R8GA0PB2-CCPEC  | Samsung | DDR5        | 64GB  | Samsung-Renesas | 2Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321R8GA0PB2-CCPWC  | Samsung | DDR5        | 64GB  | Samsung-Rambus  | 2Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321RYGA0PB2-CCPPC  | Samsung | DDR5        | 96GB  | Samsung-Montage | 2Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321RYGA0PB2-CCPWC  | Samsung | DDR5        | 96GB  | Samsung-Rambus  | 2Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |
| M321RYGA0PB2-CCPKC  | Samsung | DDR5        | 96GB  | Samsung-Montage | 2Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |

| Product Name       | Vendor  | Memory Type | Size | Chip Brand      | Rank | Voltage | Data Transfer Rate | Error Correction | Pins    | Remark |
|--------------------|---------|-------------|------|-----------------|------|---------|--------------------|------------------|---------|--------|
| M321RYGA0PB2-CCPEC | Samsung | DDR5        | 96GB | Samsung-Renesas | 2Rx4 | 1.1v    | 6400MHz            | ECC Registered   | 288-pin |        |

HDD

| Product Name    | Vendor  | Type | Form Factor | Format   | Capacity | Interface Speed | Series             | Cache | RPM  | Encription |
|-----------------|---------|------|-------------|----------|----------|-----------------|--------------------|-------|------|------------|
| SATA HDD        |         |      |             |          |          |                 |                    |       |      |            |
| ST10000NM017B   | Seagate | SATA | 3.5"        | 512e/4kn | 10TB     | 6Gb/s           | Exos 7E10          | 256MB | 7200 | N/A        |
| ST16000NM001G   | Seagate | SATA | 3.5"        | 512e/4Kn | 16TB     | 6Gb/s           | Exos X16           | 256MB | 7200 | N/A        |
| ST18000NM0092   | Seagate | SATA | 3.5"        | 512e/4Kn | 18TB     | 6Gb/s           | EXOS 2x18          | 256MB | 7200 | N/A        |
| ST18000NM000J   | Seagate | SATA | 3.5"        | 512e/4Kn | 18TB     | 6Gb/s           | Exos X18           | 256MB | 7200 | N/A        |
| ST20000NM007D   | Seagate | SATA | 3.5"        | 512e/4Kn | 20TB     | 6Gb/s           | Exos X20           | 256MB | 7200 | N/A        |
| ST22000NM001E   | Seagate | SATA | 3.5"        | 512e     | 22TB     | 6Gb/s           | Exos X22           | 512MB | 7200 | N/A        |
| ST24000NM002H   | Seagate | SATA | 3.5"        | 512e     | 24TB     | 6Gb/s           | EXOS X24           | 256MB | 7200 | N/A        |
| MG10ADA800E     | Toshiba | SATA | 3.5"        | 512e/4Kn | 8TB      | 6Gb/s           | MG10-D             | 512MB | 7200 | N/A        |
| MG09ACA18TE     | Toshiba | SATA | 3.5"        | 512e     | 18TB     | 6Gb/s           | MG09               | 512MB | 7200 | N/A        |
| MG10ACA20TE     | Toshiba | SATA | 3.5"        | 512e     | 20TB     | 6Gb/s           | MG10               | 512MB | 7200 | N/A        |
| MG10AFA22TE     | Toshiba | SATA | 3.5"        | 512e     | 22TB     | 6Gb/s           | MG10F              | 512MB | 7200 | N/A        |
| HUS722T2TALA604 | WD      | SATA | 3.5"        | 512n     | 2TB      | 6Gb/s           | Ultrastar DC HA210 | 128MB | 7200 | N/A        |
| WUS721010ALE6L4 | WD      | SATA | 3.5"        | 512e     | 10TB     | 6Gb/s           | Ultrastar DC HC330 | 256MB | 7200 | N/A        |
| HUH721212ALE604 | WD      | SATA | 3.5"        | 512e     | 12TB     | 6Gb/s           | Ultrastar DC HC520 | 256MB | 7200 | N/A        |
| WUH721818ALE6L4 | WD      | SATA | 3.5"        | 512e     | 18TB     | 6Gb/s           | Ultrastar DC HC550 | 512MB | 7200 | N/A        |
| WUH722020BLE6L4 | WD      | SATA | 3.5"        | 512e     | 20TB     | 6Gb/s           | Ultrastar DC HC560 | 512MB | 7200 | N/A        |
| WUH722222ALE6L4 | WD      | SATA | 3.5"        | 512e     | 22TB     | 6Gb/s           | Ultrastar DC HC570 | 512MB | 7200 | N/A        |

SATA/SAS SSD

| Product Name | Vendor | Type | Form Factor | Interface | Capacity | Interface Speed | Series | Remark |
|--------------|--------|------|-------------|-----------|----------|-----------------|--------|--------|
|              |        |      |             |           |          |                 |        |        |

| Product Name            | Vendor           | Type | Form Factor | Interface | Capacity | Interface Speed | Series          | Remark |
|-------------------------|------------------|------|-------------|-----------|----------|-----------------|-----------------|--------|
| SATA SSD                |                  |      |             |           |          |                 |                 |        |
| MTFDDAK1T9TGA-1BC1ZABYY | Micron           | SSD  | 2.5"        | SATA      | 1.92TB   | 6Gb/s           | 5400 PRO Series |        |
| S1201K001T92P022T3000   | PHISON / PASCARI | SSD  | 2.5"        | SATA      | 1.92TB   | 6Gb/s           | SA50P Series    |        |
| MZ7L3480HCHQ-00A07      | Samsung          | SSD  | 2.5"        | SATA      | 480GB    | 6Gb/s           | PM893 Series    |        |
| MZ7L31T9HBNA-00A07      | Samsung          | SSD  | 2.5"        | SATA      | 1.92TB   | 6Gb/s           | PM897 Series    |        |
| MZ7L33T8HBLT-00A07      | Samsung          | SSD  | 2.5"        | SATA      | 3.84TB   | 6Gb/s           | PM893 Series    |        |
| SSDSC2KB240GZ           | Solidigm         | SSD  | 2.5"        | SATA      | 240GB    | 6Gb/s           | D3-S4520 Series |        |
| SSDSC2KB480GZ           | Solidigm         | SSD  | 2.5"        | SATA      | 480GB    | 6Gb/s           | D3-S4520 Series |        |
| SSDSC2KB019TZ           | Solidigm         | SSD  | 2.5"        | SATA      | 1.92TB   | 6Gb/s           | D3-S4520 Series |        |

NVMe/SATA M.2

| Product Name          | Vendor           | Type | Form Factor | Interface  | Capacity | Interface Speed | Series          | Other        | Remark |
|-----------------------|------------------|------|-------------|------------|----------|-----------------|-----------------|--------------|--------|
| NVMe M.2              |                  |      |             |            |          |                 |                 |              |        |
| EPX-KW960             | LITE-ON          | M.2  | 22110       | PCIe(NVMe) | 960GB    | PCIe Gen3 x4    | EPX Series      |              |        |
| MTFDKBG1T9TDZ         | Micron           | M.2  | 22110       | PCIe(NVMe) | 1.92TB   | PCIe Gen4 x4    | 7400 Pro Series | VROC support |        |
| SSDPELKX010T801       | Solidigm         | M.2  | 22110       | PCIe(NVMe) | 1TB      | PCIe Gen3 x4    | P4511 Series    |              |        |
| MTFDHBA800TDG         | Micron           | M.2  | 2280        | PCIe(NVMe) | 800GB    | PCIe Gen3 x4    | 7300 Max Series | VROC support |        |
| MTFDHBA960TDF         | Micron           | M.2  | 2280        | PCIe(NVMe) | 960GB    | PCIe Gen3 x4    | 7300 Pro Series | VROC support |        |
| D1802K02480GP01512G00 | PHISON / PASCARI | M.2  | 2280        | PCIe(NVMe) | 480GB    | PCIe Gen4 x4    | D100P Series    |              |        |
| PJ1-GW960             | SSSTC            | M.2  | 2280        | PCIe(NVMe) | 960GB    | PCIe Gen4 x4    | PJ1 Series      |              |        |
| PJ1-GW1920            | SSSTC            | M.2  | 2280        | PCIe(NVMe) | 1.92TB   | PCIe Gen4 x4    | PJ1 Series      |              |        |

PCIe SSD

| Product Name | Vendor | Type | Form Factor | Interface | Capacity | Interface Speed | Series | Remark |
|--------------|--------|------|-------------|-----------|----------|-----------------|--------|--------|
| PCIe         |        |      |             |           |          |                 |        |        |

| Product Name    | Vendor   | Type | Form Factor | Interface  | Capacity | Interface Speed | Series       | Remark |
|-----------------|----------|------|-------------|------------|----------|-----------------|--------------|--------|
| SSDPEDKX040T701 | Solidigm | PCIe | PCI-E 3.0   | PCIe(NVMe) | 4TB      | PCIe Gen3 x4    | P4500 Series |        |

Storage Card

| Product Name                                           | Vendor   | Chipset/Controller    | Interface                | Internal Ports | Internal Connectors      | Extrenal Ports | External Connectors | Data Rate             | Remark |
|--------------------------------------------------------|----------|-----------------------|--------------------------|----------------|--------------------------|----------------|---------------------|-----------------------|--------|
| Adaptec                                                |          |                       |                          |                |                          |                |                     |                       |        |
| 81605ZQ                                                | Adaptec  | -                     | PCIe Gen3 x8             | 16             | 4 x Mini-SAS HD SFF-8643 | -              | -                   | Up to 12Gb/s per port |        |
| Broadcom                                               |          |                       |                          |                |                          |                |                     |                       |        |
| eHBA 9600-16e Tri-Mode Storage Adapter                 | Broadcom | SAS4016 (Avenger IOC) | PCIe Gen4 x8             | -              | -                        | 16             | 4 SFF-8644          | Up to 24Gb/s per port |        |
| eHBA 9600-16i Tri-Mode Storage Adapter (NVMe)          | Broadcom | SAS4016 (Avenger IOC) | PCIe Gen4 x8             | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| eHBA 9600-16i Tri-Mode Storage Adapter (SAS/SATA mode) | Broadcom | SAS4016 (Avenger IOC) | PCIe Gen4 x8             | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| eHBA 9600-24i Tri-Mode Storage Adapter (NVMe)          | Broadcom | SAS4024 (Avenger IOC) | x8 lane PCI Express® 4.0 | 24             | 3 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| eHBA 9600-24i Tri-Mode Storage Adapter (SAS/SATA mode) | Broadcom | SAS4024 (Avenger IOC) | PCIe Gen4 x8             | 24             | 3 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| eHBA 9620-16i Tri-Mode Storage Adapter (NVMe)          | Broadcom | SAS4106 (Avenger IOC) | PCIe Gen4 x8             | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| eHBA 9620-16i Tri-Mode Storage Adapter (SAS/SATA mode) | Broadcom | SAS4106 (Avenger IOC) | PCIe Gen4 x8             | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| HBA 9500-16e Tri-Mode Storage Adapter                  | Broadcom | SAS3816               | PCIe Gen4 x8             | -              | -                        | 16             | 4 SFF-8644          | Up to 12Gb/s per port |        |
| HBA 9500-16i Tri-Mode Storage Adapter (NVMe)           | Broadcom | SAS3816               | PCIe Gen4 x8             | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| HBA 9500-16i Tri-Mode Storage Adapter (SAS/SATA mode)  | Broadcom | SAS3816               | PCIe Gen4 x8             | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| HBA 9500-8e Tri-Mode Storage Adapter                   | Broadcom | SAS3808               | PCIe Gen4 x8             | -              | -                        | 8              | 2 SFF-8644          | Up to 12Gb/s per port |        |
| HBA 9500-8i Tri-Mode Storage Adapter (NVMe)            | Broadcom | SAS3808               | PCIe Gen4 x8             | 8              | 1 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| HBA 9500-8i Tri-Mode Storage Adapter                   | Broadcom | SAS3808               | PCIe Gen4 x8             | 8              | 1 SlimSAS                | -              | -                   | Up to 12Gb/s          |        |

| Product Name                       | Vendor   | Chipset/Controller                          | Interface                | Internal Ports                         | Internal Connectors      | Extrenal Ports | External Connectors | Data Rate             | Remark |
|------------------------------------|----------|---------------------------------------------|--------------------------|----------------------------------------|--------------------------|----------------|---------------------|-----------------------|--------|
| (SAS/SATA mode)                    |          |                                             |                          |                                        | SFF-8654                 |                |                     | per port              |        |
| MegaRAID 9540-8i (SAS/SATA mode)   | Broadcom | SAS3808 Tri-Mode RAID-on-Chip (ROC)         | x8 lane PCI Express® 4.0 | 8                                      | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| MegaRAID 9540-8i Tri-Mode (NVMe)   | Broadcom | SAS3808 Tri-Mode RAID-on-Chip (ROC)         | x8 lane PCI Express® 4.0 | 8                                      | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| MegaRAID 9560-16i (SAS/SATA mode)  | Broadcom | SAS3916 Tri-Mode RAID-on-Chip (ROC)         | PCIe Gen4 x8             | 16                                     | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| MegaRAID 9560-16i Tri-Mode (NVMe)  | Broadcom | SAS3916 Tri-Mode RAID-on-Chip (ROC)         | PCIe Gen4 x8             | 16                                     | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| MegaRAID 9560-8i (SAS/SATA mode)   | Broadcom | SAS3908 Tri-Mode RAID-on-Chip (ROC)         | PCIe Gen4 x8             | 8                                      | 1 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| MegaRAID 9560-8i Tri-Mode (NVMe)   | Broadcom | SAS3908 Tri-Mode RAID-on-Chip (ROC)         | PCIe Gen4 x8             | 8                                      | 1 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| MegaRAID 9580-8i8e (SAS/SATA mode) | Broadcom | SAS3916 Tri-Mode RAID-on-Chip (ROC)         | x8 lane PCI Express® 4.0 | 8                                      | 2 SlimSAS SFF-8654       | 8              | 2 SFF-8644          | Up to 12Gb/s per port |        |
| MegaRAID 9580-8i8e Tri-Mode (NVMe) | Broadcom | SAS3916 Tri-Mode RAID-on-Chip (ROC)         | x8 lane PCI Express® 4.0 | 8                                      | 2 SlimSAS SFF-8654       | 8              | 2 SFF-8644          | Up to 12Gb/s per port |        |
| MegaRAID 9660-16i (SAS/SATA mode)  | Broadcom | SAS4116 (Avenger ROC)                       | PCIe Gen4 x8             | 16                                     | 2 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| MegaRAID 9660-16i Tri-Mode (NVMe)  | Broadcom | SAS4116 (Avenger ROC)                       | PCIe Gen4 x8             | 16                                     | 2 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| MegaRAID 9670W-16i (SAS/SATA mode) | Broadcom | SAS4116W (Avenger ROC)                      | PCIe Gen4 x16            | 16                                     | 2 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| MegaRAID 9670W-16i Tri-Mode (NVMe) | Broadcom | SAS4116W (Avenger ROC)                      | PCIe Gen4 x16            | 16                                     | 2 SlimSAS SFF-8654       | -              | -                   | Up to 24Gb/s per port |        |
| P411W-32P                          | Broadcom | PEX88048                                    | PCIe Gen4 x16            | 8 x4, 16 x2, or 32 x1 NVMe SSD connect | 4 SlimSAS SFF-8654       | -              | -                   |                       |        |
| GIGABYTE                           |          |                                             |                          |                                        |                          |                |                     |                       |        |
| CRA3338                            | GIGABYTE | LSI SAS 3008                                | PCIe Gen3 x8             | 8                                      | 2 x Mini-SAS HD SFF-8643 | -              | -                   | Up to 12Gb/s per port |        |
| CRA4448                            | GIGABYTE | LSI SAS 3108                                | PCIe Gen3 x8             | 8                                      | 2 x Mini-SAS HD SFF-8643 | -              | -                   | Up to 12Gb/s per port |        |
| CRA4761 (SAS/SATA mode)            | GIGABYTE | LSI SAS 3908 (Up to 240 x physical devices) | PCIe Gen4 x8             | 8                                      | 1 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| CRA4761 Tri-Mode (NVMe)            | GIGABYTE | LSI SAS 3908 (Up to 240 x physical devices) | PCIe Gen4 x8             | 8                                      | 1 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |

| Product Name            | Vendor    | Chipset/Controller                          | Interface    | Internal Ports | Internal Connectors      | Extrenal Ports | External Connectors | Data Rate             | Remark |
|-------------------------|-----------|---------------------------------------------|--------------|----------------|--------------------------|----------------|---------------------|-----------------------|--------|
| CRA4961 (SAS/SATA mode) | GIGABYTE  | LSI SAS 3916 (Up to 240 x physical devices) | PCIe Gen4 x8 | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| CRA4961 Tri-Mode (NVMe) | GIGABYTE  | LSI SAS 3916 (Up to 240 x physical devices) | PCIe Gen4 x8 | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| CSA4648                 | GIGABYTE  | LSI SAS 3008                                | PCIe Gen3 x8 | 8              | 2 x Mini-SAS HD SFF-8643 | -              | -                   | Up to 12Gb/s per port |        |
| CSA4710 (SAS/SATA mode) | GIGABYTE  | LSI SAS 3808                                | PCIe Gen4 x8 | 8              | 1 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| CSA4710 Tri-Mode (NVMe) | GIGABYTE  | LSI SAS 3808                                | PCIe Gen4 x8 | 8              | 1 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| CSA4820 (SAS/SATA mode) | GIGABYTE  | LSI SAS 3816                                | PCIe Gen4 x8 | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| CSA4820 Tri-Mode (NVMe) | GIGABYTE  | LSI SAS 3816                                | PCIe Gen4 x8 | 16             | 2 SlimSAS SFF-8654       | -              | -                   | Up to 12Gb/s per port |        |
| Microsemi               |           |                                             |              |                |                          |                |                     |                       |        |
| SmarterHBA 2100-8i      | Microsemi | PM8222                                      | PCIe Gen3 x8 | 8              | 2 x Mini-SAS HD SFF-8643 | -              | -                   | Up to 12Gb/s per port |        |
| SmartRAID 3154-16i      | Microsemi | PM8236                                      | PCIe Gen3 x8 | 16             | 4 x Mini-SAS HD SFF-8643 | -              | -                   | Up to 12Gb/s per port |        |

LAN Card

| Product Name     | Vendor   | Connector | Interface     | Ports  | Data Rate        | Remark            |
|------------------|----------|-----------|---------------|--------|------------------|-------------------|
| Broadcom         |          |           |               |        |                  |                   |
| BCM957416A4160C  | Broadcom | RJ-45     | PCIe Gen3 x8  | Dual   | 10Gb/s per port  | BCM57416 (P210TP) |
| BCM957412A4120AC | Broadcom | SFP+      | PCIe Gen3 x8  | Dual   | 10Gb/s per port  | BCM57412          |
| BCM957414A4142CC | Broadcom | SFP28     | PCIe Gen3 x8  | Dual   | 25Gb/s per port  | BCM57414 (P225P)  |
| LPe32002-M2      | Broadcom | SFP+      | PCIe Gen3 x8  | Dual   | 32Gb/s per port  | XE501 controller  |
| BCM957508-P2100G | Broadcom | QSFP56    | PCIe Gen4 x16 | Dual   | 100Gb/s per port | BCM57508          |
| BCM957508-P1200G | Broadcom | QSFP56    | PCIe Gen4 x16 | Single | 200Gb/s per port | BCM57508          |
| GIGABYTE         |          |           |               |        |                  |                   |
| CLN4314          | GIGABYTE | RJ-45     | PCIe Gen2 x4  | Quad   | 1Gb/s per port   | INTEL i350-AM4    |

| Product Name     | Vendor   | Connector | Interface     | Ports  | Data Rate        | Remark                                             |
|------------------|----------|-----------|---------------|--------|------------------|----------------------------------------------------|
| CLN4312          | GIGABYTE | RJ-45     | PCIe Gen2 x4  | Dual   | 1Gb/s per port   | INTEL i350-AM2                                     |
| CLN4A10          | GIGABYTE | RJ-45     | PCIe Gen3 x8  | Dual   | 1Gb/s per port   | Broadcom BCM5720L                                  |
| CLN4222          | GIGABYTE | RJ-45     | PCIe Gen3 x4  | Dual   | 10Gb/s per port  | INTEL X550-AT2                                     |
| CLN4224          | GIGABYTE | RJ-45     | PCIe Gen3 x8  | Quad   | 10Gb/s per port  | INTEL X550-AT2                                     |
| CLN4832          | GIGABYTE | SFP+      | PCIe Gen2 x8  | Dual   | 10Gb/s per port  | INTEL 82599ES                                      |
| CLN4D40          | GIGABYTE | SFP28     | PCIe Gen3 x8  | Dual   | 25Gb/s per port  | Broadcom BCM57414                                  |
| Intel            |          |           |               |        |                  |                                                    |
| X550-T2          | Intel    | RJ-45     | PCIe Gen3 x4  | Dual   | 10Gb/s per port  |                                                    |
| X722-DA4         | Intel    | SFP+      | PCIe Gen3 x8  | Quad   | 10Gb/s per port  |                                                    |
| X710-DA4         | Intel    | SFP+      | PCIe Gen3 x8  | Quad   | 10Gb/s per port  |                                                    |
| XXV710-DA2       | Intel    | SFP28     | PCIe Gen3 x8  | Dual   | 25Gb/s per port  |                                                    |
| E810-XXVDA4      | Intel    | SFP28     | PCIe Gen4 x16 | Quad   | 25Gb/s per port  | Controller E810-CAM1                               |
| E810-XXVDA2      | Intel    | SFP28     | PCIe Gen4 x8  | Dual   | 25Gb/s per port  | Controller E810-XXVAM2                             |
| E810-CQDA2       | Intel    | QSFP28    | PCIe Gen4 x16 | Dual   | 100Gb/s per port |                                                    |
| E810-CQDA1       | Intel    | QSFP28    | PCIe Gen4 x16 | Single | 100Gb/s per port |                                                    |
| NVIDIA           |          |           |               |        |                  |                                                    |
| MCX631102AN-ADAT | NVIDIA   | SFP28     | PCIe Gen4 x8  | Dual   | 25Gb/s per port  | Mellanox ConnectX®-6 Lx without Crypto             |
| MCX4121A-ACAT    | NVIDIA   | SFP28     | PCIe Gen3 x8  | Dual   | 25Gb/s per port  | Mellanox ConnectX-4 Lx EN                          |
| MCX516A-BDAT     | NVIDIA   | QSFP28    | PCIe Gen4 x16 | Dual   | 40Gb/s per port  | Mellanox ConnectX-5 Ex EN                          |
| MCX713104AC-ADAT | NVIDIA   | SFP56     | PCIe Gen4 x16 | Quad   | 50Gb/s per port  | Mellanox ConnectX-7 with Crypto, with Secure Boot  |
| MCX516A-GCAT     | NVIDIA   | QSFP28    | PCIe Gen3 x16 | Dual   | 50Gb/s per port  | Mellanox ConnectX-5 EN                             |
| MCX516A-CDAT     | NVIDIA   | QSFP28    | PCIe Gen4 x16 | Dual   | 100Gb/s per port | Mellanox ConnectX-5 Ex EN                          |
| MCX623105AN-CDAT | NVIDIA   | QSFP56    | PCIe Gen4 x16 | Single | 100Gb/s per port | Mellanox ConnectX®-6 Dx without Crypto, without Se |
| MCX623106AN-CDAT | NVIDIA   | QSFP56    | PCIe Gen4 x16 | Dual   | 100Gb/s per port | Mellanox ConnectX®-6 Dx without Crypto, without Se |
| MCX653105A-ECAT  | NVIDIA   | QSFP56    | PCIe Gen4 x16 | Single | 100Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand)            |
| MCX516A-CCAT     | NVIDIA   | QSFP28    | PCIe Gen3 x16 | Dual   | 100Gb/s per port | Mellanox ConnectX-5 EN                             |
| MCX653106A-ECAT  | NVIDIA   | QSFP56    | PCIe Gen4 x16 | Dual   | 100Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand)            |
| MCX515A-CCAT     | NVIDIA   | QSFP28    | PCIe Gen3 x16 | Single | 100Gb/s per port | Mellanox ConnectX-5 EN                             |

| Product Name     | Vendor | Connector | Interface     | Ports  | Data Rate        | Remark                                             |
|------------------|--------|-----------|---------------|--------|------------------|----------------------------------------------------|
| MCX75310AAS-HEAT | NVIDIA | OSFP      | PCIe Gen5 x16 | Single | 200Gb/s per port | NVIDIA ConnectX-7 VPI (InfiniBand)                 |
| MCX683105AN-HDAT | NVIDIA | QSFP      | PCIe Gen4 x16 | Single | 200Gb/s per port | Mellanox ConnectX-6 DE VPI (InfiniBand)            |
| MCX653105A-HDAT  | NVIDIA | QSFP56    | PCIe Gen4 x16 | Single | 200Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand)            |
| MCX653106A-HDAT  | NVIDIA | QSFP56    | PCIe Gen4 x16 | Dual   | 200Gb/s per port | Mellanox ConnectX-6 Ex VPI (InfiniBand)            |
| MCX755106AC-HEAT | NVIDIA | QSFP112   | PCIe Gen5 x16 | Dual   | 200Gb/s per port | Mellanox ConnectX-7 with Crypto, with Secure Boot  |
| MCX75310AAC-NEAT | NVIDIA | OSFP      | PCIe Gen5 x16 | Single | 400Gb/s per port | NVIDIA ConnectX-7 VPI (InfiniBand) with Crypto, wi |
| MCX75510AAS-NEAT | NVIDIA | OSFP      | PCIe Gen5 x16 | Single | 400Gb/s per port | Mellanox ConnectX-7 (without Dual-Slot Socket Dire |
| MCX75310AAS-NEAT | NVIDIA | OSFP      | PCIe Gen5 x16 | Single | 400Gb/s per port | NVIDIA ConnectX-7 VPI (InfiniBand) with Secure Boo |
| Qlogic           |        |           |               |        |                  |                                                    |
| QLE3442-RJ-CK    | Qlogic | RJ-45     | PCIe Gen3 x8  | Dual   | 10Gb/s per port  |                                                    |
| QL41132HLCU-SP   | Qlogic | SFP28     | PCIe Gen3 x8  | Dual   | 10Gb/s per port  |                                                    |
| QL41112HLRJ      | Qlogic | RJ-45     | PCIe Gen3 x8  | Dual   | 10Gb/s per port  |                                                    |
| QLE3442-CU-CK    | Qlogic | SFP+      | PCIe Gen3 x8  | Dual   | 10Gb/s per port  |                                                    |
| QL41212HLCU-SP   | Qlogic | SFP28     | PCIe Gen3 x8  | Dual   | 25Gb/s per port  |                                                    |
| QL45611HLCU      | Qlogic | QSFP28    | PCIe Gen3 x16 | Single | 100Gb/s per port |                                                    |
| Xilinx           |        |           |               |        |                  |                                                    |
| X2522-25G-PLUS   | Xilinx | SFP28     | PCIe Gen3 x8  | Dual   | 25Gb/s per port  |                                                    |

BlueField DPU Card

| Product Name    | Vendor | Connector | Interface     | Ports  | Data Rate        | Remark           |
|-----------------|--------|-----------|---------------|--------|------------------|------------------|
| NVIDIA          |        |           |               |        |                  |                  |
| MBF2H332A-AEEOT | NVIDIA | SFP56     | PCIe Gen4 x8  | Dual   | 25Gb/s per port  | P-Series/ 2.5GHz |
| MBF2H532C-AECOT | NVIDIA | SFP56     | PCIe Gen4 x8  | Dual   | 25Gb/s per port  | P-Series/ 2.5GHz |
| MBF2M345A-HESOT | NVIDIA | QSFP56    | PCIe Gen4 x16 | Single | 200Gb/s per port | E-Series/ 2.0GHz |

M.2 Expansion PCIe Card

| Product Name       | Vendor   | Type | Form Factor | Interface  | Max. Channels | Interface Speed | Remark |
|--------------------|----------|------|-------------|------------|---------------|-----------------|--------|
| M.2 Expansion Card |          |      |             |            |               |                 |        |
| CMT4032            | Gigabyte | PCIe | 22110       | PCIe(NVMe) | 2             | PCIe Gen3 x8    | -      |
| CMT4034            | Gigabyte | PCIe | 22110       | PCIe(NVMe) | 4             | PCIe Gen3 x16   | -      |

Attention:  
1. Please contact FAE support for below orange blocks  
2. Storage (If the system build-in with RAID card ,please refer to RAID card QVL list)  
3. undefined