

1. Stability Test:

1.1 CPU Function Test:

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| Test Purpose | Test CPU functions work normally under Windows Operating System |
| Test Procedure | <ol style="list-style-type: none"> 1. Install Windows operating system 2. Install M/B device drivers 3. Check CPU temperature in BIOS setup menu 4. Run PassMark BurnInTest and check CPU temperature 5. Using CPU-Z check CPU info 6. S3(Sleep)/S4(Hibernate)/S5(Shutdown) test - 3 times |
| Test Criteria | It should be correct for each test step |

| No. | CPU | Type | Idle CPU Temp. | Full Loading CPU Temp. | Result |
|-----|----------------|---|----------------|------------------------|--------|
| 1 | Intel / 2.6GHz | Core i7-9700E (CoffeeLake-S/R0-QSJM) / 65W / LGA1151 | 35.0°C | 56.0°C | Pass |
| 2 | Intel / 1.8GHz | Core i7-9700TE (CoffeeLake-S/R0-QSJM) / 35W / LGA1151 | 36.0°C | 58.0°C | Pass |
| 3 | Intel / 3.2GHz | Core i7-8700 (CoffeeLake-S/U0-QNML) / 65W / LGA1151 | 36.0°C | 58.0°C | Pass |
| 4 | Intel / 2.4GHz | Core i7-8700T (CoffeeLake-S/U0-QP4P) / 35W / LGA1151 | 37.0°C | 60.0°C | Pass |
| 5 | Intel / 3.0GHz | Core i5-8500 (CoffeeLake-S/U0-QP5J) / 65W / LGA1151 | 34.0°C | 56.0°C | Pass |
| 6 | Intel / 3.0GHz | Core i5-9500E (CoffeeLake-S/QT8L) / 65W / LGA1151 | 36.0°C | 56.0°C | Pass |
| 7 | Intel / 2.2GHz | Core i5-9500TE (CoffeeLake-S/QT8N) / 35W / LGA1151 | 34.0°C | 55.0°C | Pass |
| 8 | Intel / 2.1GHz | Core i5-8500T (CoffeeLake-S/QP5H) / 35W / LGA1151 | 36.0°C | 58.0°C | Pass |
| 9 | Intel / 2.2GHz | Core i3-9100TE (CoffeeLake-S/QT8P) / 35W / LGA1151 | 36.0°C | 58.0°C | Pass |
| 10 | Intel / 3.1GHz | Core i3-9100E (CoffeeLake-S/R0-QSKA) / 65W / LGA1151 | 33.0°C | 55.0°C | Pass |
| 11 | Intel / 3.6GHz | Core i3-8100 (CoffeeLake-S/B0-QP5K) / 65W / LGA1151 | 36.0°C | 59.0°C | Pass |
| 12 | Intel / 3.1GHz | Core i3-8100T (CoffeeLake-S/B0-QP5Q) / 35W / LGA1151 | 35.0°C | 56.0°C | Pass |
| 13 | Intel / 3.3GHz | Xeon E-2278GE (CoffeeLake-S/R0-QSJK) / 80W / LGA1151 | 33.0°C | 55.0°C | Pass |
| 14 | Intel / 3.7GHz | Xeon E-2176G (CoffeeLake-S/U0-QNT8) / 80W / LGA1151 | 37.0°C | 59.0°C | Pass |
| 15 | Intel / 3.7GHz | Pentium-G5400 (CoffeeLake-S/U0-SR3X9) / 58W / LGA1151 | 31.0°C | 45.0°C | Pass |
| 16 | Intel / 3.1GHz | Celeron G4900 (CoffeeLake-S/B0-SR3W4) / 54W / LGA1151 | 36.0°C | 58.0°C | Pass |

1.1.1 Application Test:

| No. | Software | Test Keypoint | Result |
|-----|----------------|---------------------------|--------|
| 1 | CPU-Z Ver.1.93 | 1. Check all information. | Pass |

1.2 Memory Function Test:

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| Test Purpose | Test Memory functions work normally under Windows Operating System |
| Test Procedure | <ol style="list-style-type: none"> 1. Install Windows Operating System 2. Install M/B Device Driver 3. Run AIDA64 Cache and Memory Benchmark Ver.6.25.5400 - 1 time 4. Run Passmark Performance Test 10 Build1008 - 1 time 5. Run 3DMark for Windows Ver.2.12.6964 BenchMark - 3 times 6. Run Memtest86 Stress test 12 hours 7. S3(Sleep)/S4(Hibernate)/S5(Shutdown) test - 3 times |
| Test Criteria | It should be no problem for each test step |

1.2.1 DDR4:

| No. | Function | Result |
|-----|---|--------|
| 1 | Single Channel mode | Pass |
| 2 | Dual channel mode | Pass |
| 3 | DIMM Slot1 | Pass |
| 4 | DIMM Slot2 | Pass |
| 5 | Warning beep sound when no memory install | Pass |
| 6 | Memory Frequency Check | Pass |
| 7 | Memory Capacity Check | Pass |

1.2.2 Application Test:

| No. | Software | Test Keypoint | Test Environment | Result |
|-----|-----------------------|---------------------------|--|--------|
| 1 | MemTest86 Ver.8.4 Pro | 1. Burn-In test 12 hours. | DUT: DUT#2 CPU: Intel / Core i7-9700E (CoffeeLake-S/R0-QSJM,65W) / 2.6GHz DDR4: Kingston (CBD26D4S9D8ME-16 1.2V) / Micron (8PE75-D9VPP) / PC4-21300 (DDR4-2666) / 16GB *2 (SO_DIMM1/2, Dual channel) DUT: DUT#3 CPU: Intel / Xeon E-2278GE (CoffeeLake-S/R0-QSJK,80W) / 3.3GHz DDR4: Transcend (TS2GSH72V6B 1.2V) [2Rx8] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666)/ECC / 16GB *2 (SO_DIMM1/2, Dual channel) O.S.: UEFI Shell | Pass |

1.2.3 DDR4 SO-DIMM Approved List:

| No. | Brand | Chip | Size | Type | Chip Model No. | Vendor Part No. | Result |
|-----|-----------|--------|------|-----------------------|-----------------|-------------------------------------|--------|
| 1 | ADATA | SEC | 32GB | PC4-21300 (DDR4-2666) | K4AAG085WA-BCTD | (AD4S2666732G19-BSSA 1.2V [32Gx16]) | Pass |
| 2 | Transcend | SEC | 32GB | PC4-21300 (DDR4-2666) | K4AAG085WN-BCTD | TS4GSH64V6E 1.2V [2Rx8] | Pass |
| 3 | Apacer | SEC | 32GB | PC4-21300 (DDR4-2666) | K4AAG085WM-BCTD | D22.23308S.001 | Pass |
| 4 | ATP | Micron | 32GB | PC4-21300 (DDR4-2666) | 0CB45-D9XPF | X4G32Q28BVTDME-7-DR1 | Pass |

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|-----------|-----------|--------|------|---------------------------|-----------------|-----------------------------------|-------------|
| 5 | Apacer | SEC | 32GB | PC4-21300 (DDR4-2666)/ECC | K4AAG085WA-BCTD | D42.23304S.001 | Pass |
| 6 | ATP | Micron | 32GB | PC4-21300 (DDR4-2666)/ECC | 0CB45-D9XPF | X4F32Q28BVTDM-7-DR1 | Pass |
| 7 | Kingston | Micron | 16GB | PC4-21300 (DDR4-2666) | 8PE75-D9VPP | CBD26D4S9D8ME-16 1.2V | Pass |
| 8 | ADATA | SEC | 16GB | PC4-21300 (DDR4-2666)/ECC | K4A8G085WC-BCTD | AD4B2666316G19-BSSC 1.2V [16Gx18] | Pass |
| 9 | Transcend | SEC | 16GB | PC4-21300 (DDR4-2666)/ECC | K4A8G085WC-BCTD | TS2GSH72V6B 1.2V [2Rx8] | Pass |
| 10 | Transcend | SEC | 8GB | PC4-21300 (DDR4-2666) | K4A8G085WC-BCTD | TS1GSH64V6B 1.2V [1Rx8] | Pass |
| 11 | Innodisk | SEC | 8GB | PC4-21300 (DDR4-2666) | K4A4G085WE-BCTD | M4S0-8GSSOICK | Pass |
| 12 | Kingston | Micron | 8GB | PC4-19200 (DDR4-2400) | 8VE75-D9VPP | CBD26D4S9S8ME-8 1.2V | Pass |
| 13 | Transcend | SEC | 8GB | PC4-17000 (DDR4-2133)/ECC | K4A4G085WD-BCPB | TS8D41IG21SES1 1.2V | Pass |
| 14 | Transcend | SEC | 8GB | PC4-17000 (DDR4-2133)/ECC | K4A4G085WE-BCRC | TS1GSH72V1H 1.2V [2Rx8] | Pass |
| 15 | Innodisk | SEC | 4GB | PC4-21300 (DDR4-2666) | K4A4G085WE-BCTD | M4S0-4GSSNICK | Pass |
| 16 | Kingston | Micron | 4GB | PC4-21300 (DDR4-2666) | 8KE77-D9WFH | CBD26D4S9S1ME-4 1.2V | Pass |
| 17 | Transcend | SEC | 4GB | PC4-19200 (DDR4-2400) | K4A4G085WE-BCRC | TS512MSH64V4H [1Rx8] | Pass |

1.2.4 DDR4 SO-DIMM Test Procedures:

| No. | DDR4 Memory | Test Procedures | Result |
|----------|---|--|-------------|
| 1 | ADATA (AD4S2666732G19-BSSA 1.2V) [32Gx16] / SEC (K4AAG085WA-BCTD) / PC4-21300 (DDR4-2666) / 32GB *1 | DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Core i7-9700TE (CoffeeLake-S/R0-QSJM,35W) / 1.8GHz DDR4: SO_DIMM1, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:18566 MB/s WRITE:18658 MB/s COPY:19090 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:6141.6 Memory Mark:1741.9 3.3DMark for Windows ver.2.12.6964 Cloud Gate:8673 Ice Storm:43882 Sky diver:4749 Fire Strike:1128 | Pass |

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| 2 | Transcend (TS4GSH64V6E 1.2V) [2Rx8] / SEC (K4AAG085WN-BCTD) / PC4-21300 (DDR4-2666) / 32GB *1 | DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Core i5-9500E (CoffeeLake-S/QT8L,65W) / 3.0GHz DDR4: SO_DIMM2, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:19979 MB/s WRITE:18261 MB/s COPY:19356 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:7490.8 Memory Mark:2415.5 3.3DMark for Windows ver.2.12.6964 Cloud Gate:8797 Ice Storm:47329 Sky diver:4700 Fire Strike:1102 | Pass |
| 3 | Apacer (D22.23308S.001) / SEC (K4AAG085WM-BCTD) / PC4-21300 (DDR4-2666) / 32GB *1 | DUT: DUT#1 M/B: CS170-H310DB Rev.A (0A2) [774-CS1701-000G/BMK361900008] CPU: Intel / Core i7-8700T (CoffeeLake-S/U0-QP4P,35W) / 2.4GHz DDR4: SO_DIMM2, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:17709 MB/s WRITE:17422 MB/s COPY:16717 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:7722.3 Memory Mark:2152.3 3.3DMark for Windows ver.2.12.6964 Cloud Gate:9440 Ice Storm:46261 Sky diver:4985 Fire Strike:1174 | Pass |
| 4 | ATP (X4G32Q28BVTDM-E-7-DR1) / Micron (OCB45-D9XPF) / PC4-21300 (DDR4-2666) / 32GB *1 | DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Core i7-8700 (CoffeeLake-S/U0-QNML,65W) / 3.2GHz DDR4: SO_DIMM2, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:20492 MB/s WRITE:18488 MB/s COPY:19549 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:9937.5 Memory Mark:2504.9 3.3DMark for Windows ver.2.12.6964 Cloud Gate:10456 Ice Storm:50011 Sky diver:5136 Fire Strike:1191 | Pass |
| 5 | Apacer (D42.23304S.001) / SEC (K4AAG085WA-BCTD) / PC4-21300 (DDR4-2666)/ECC / 32GB *1 | DUT: DUT#3 M/B: CS170-C246DB Rev.A (0A1) [774-CS1701-200G/BMK361800010] CPU: Intel / Xeon E-2278GE (CoffeeLake-S/R0-QSJK,80W) / 3.3GHz DDR4: SO_DIMM1, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:20680 MB/s WRITE:18629 MB/s COPY:20772 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:10234.3 Memory Mark:2329.5 3.3DMark for Windows ver.2.12.6964 Cloud Gate:9983 Ice Storm:47752 Sky diver:4675 Fire Strike:1125 | Pass |

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| 6 | ATP (X4F32Q28BVTDME-7-DR1) / Micron (OCB45-D9XPF) / PC4-21300 (DDR4-2666)/ECC / 32GB *1 | DUT: DUT#3 M/B: CS170-C246DB Rev.A (0A1) [774-CS1701-200G/BMK361800010] CPU: Intel / Xeon E-2278GE (CoffeeLake-S/R0-QSJK,80W) / 3.3GHz DDR4: SO_DIMM1, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:20606 MB/s WRITE:18346 MB/s COPY:20676 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:9965.7 Memory Mark:2465 3.3DMark for Windows ver.2.12.6964 Cloud Gate:9433 Ice Storm:45865 Sky diver:4564 Fire Strike:1113 | Pass |
| 7 | Kingston (CBD26D4S9D8ME-16 1.2V) / Micron (8PE75-D9VPP) / PC4-21300 (DDR4-2666) / 16GB *2 | DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Core i7-9700E (CoffeeLake-S/R0-QSJM,65W) / 2.6GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:37897 MB/s WRITE:40556 MB/s COPY:36834 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:8991.7 Memory Mark:2486 3.3DMark for Windows ver.2.12.6964 Cloud Gate:10408 Ice Storm:51545 Sky diver:5374 Fire Strike:1352 | Pass |
| 8 | ADATA (AD4B2666316G19-BSSC 1.2V) [16Gx18] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666)/ECC / 16GB *1 | DUT: DUT#3 M/B: CS170-C246DB Rev.A (0A1) [774-CS1701-200G/BMK361800010] CPU: Intel / Xeon E-2278GE (CoffeeLake-S/R0-QSJK,80W) / 3.3GHz DDR4: SO_DIMM2, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:20496 MB/s WRITE:19204 MB/s COPY:21466 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:9416.1 Memory Mark:2450.5 3.3DMark for Windows ver.2.12.6964 Cloud Gate:8059 Ice Storm:38160 Sky diver:4125 Fire Strike:1018 | Pass |
| | ADATA (AD4B2666316G19-BSSC 1.2V) [16Gx18] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666)/ECC / 16GB *2 | DUT: DUT#3 M/B: CS170-C246DB Rev.A (0A1) [774-CS1701-200G/BMK361800010] CPU: Intel / Xeon E-2176G (CoffeeLake-S/U0-QNT8,80W) / 3.7GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:37632 MB/s WRITE:40332 MB/s COPY:36900 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:12350.6 Memory Mark:3200.8 3.3DMark for Windows ver.2.12.6964 Cloud Gate:11355 Ice Storm:55575 Sky diver:5540 Fire Strike:1360 | Pass |

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| 9 | Transcend (TS2GSH72V6B 1.2V) [2Rx8] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666)/ECC / 16GB *2 | DUT: DUT#3 M/B: CS170-C246DB Rev.A (0A1) [774-CS1701-200G/BMK361800010] CPU: Intel / Xeon E-2278GE (CoffeeLake-S/R0-QSJK,80W) / 3.3GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:38273 MB/s WRITE:39276 MB/s COPY:37359 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:10008.4 Memory Mark:3085.4 3.3DMark for Windows ver.2.12.6964 Cloud Gate:8468 Ice Storm:40915 Sky diver:4456 Fire Strike:1150 | Pass |
| 10 | Transcend (TS1GSH64V6B 1.2V) [1Rx8] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666) / 8GB *1 | DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Core i5-9500TE (CoffeeLake-S/QT8N,35W) / 2.2GHz DDR4: SO_DIMM1, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:19343 MB/s WRITE:18011 MB/s COPY:16166 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:5631.9 Memory Mark:1907 3.3DMark for Windows ver.2.12.6964 Cloud Gate:7749 Ice Storm:42531 Sky diver:4531 Fire Strike:1056 | Pass |
| 10 | Transcend (TS1GSH64V6B 1.2V) [1Rx8] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666) / 8GB *2 | DUT: DUT#1 M/B: CS170-H310DB Rev.A (0A2) [774-CS1701-000G/BMK361900008] CPU: Intel / Core i5-8500T (CoffeeLake-S/QP5H,35W) / 2.1GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:36724 MB/s WRITE:36716 MB/s COPY:31971 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:5450.8 Memory Mark:2063.8 3.3DMark for Windows ver.2.12.6964 Cloud Gate:8255 Ice Storm:41617 Sky diver:4963 Fire Strike:1245 | Pass |
| 11 | Innodisk (M4S0-8GSSOIC) / SEC (K4A4G085WE-BCTD) / PC4-21300 (DDR4-2666) / 8GB *2 | DUT: DUT#1 M/B: CS170-H310DB Rev.A (0A2) [774-CS1701-000G/BMK361900008] CPU: Intel / Core i3-8100T (CoffeeLake-S/B0-QP5Q,35W) / 3.1GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:33185 MB/s WRITE:33541 MB/s COPY:32760 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:5640.6 Memory Mark:2696.3 3.3DMark for Windows ver.2.12.6964 Cloud Gate:8660 Ice Storm:49295 Sky diver:4870 Fire Strike:1214 | Pass |

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| 12 | Kingston (CBD26D4S9S8ME-8 1.2V) / Micron (8VE75-D9VPP) / PC4-19200 (DDR4-2400) / 8GB *1 | DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Core i5-8500 (CoffeeLake-S/U0-QP5J,65W) / 3.0GHz DDR4: SO_DIMM1, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:19351 MB/s WRITE:18423 MB/s COPY:18786 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:7498.6 Memory Mark:2218.6 3.3DMark for Windows ver.2.12.6964 Cloud Gate:8645 Ice Storm:45611 Sky diver:4681 Fire Strike:1073 | Pass |
| 13 | Transcend (TS8D41IG21SES1 1.2V) / SEC (K4A4G085WD-BCPB) / PC4-17000 (DDR4-2133)/ECC / 8GB *1 | DUT: DUT#3 M/B: CS170-C246DB Rev.A (0A1) [774-CS1701-200G/BMK361800010] CPU: Intel / Xeon E-2278GE (CoffeeLake-S/R0-QSJK,80W) / 3.3GHz DDR4: SO_DIMM2, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:17164 MB/s WRITE:15588 MB/s COPY:17893 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:9545.5 Memory Mark:2033.1 3.3DMark for Windows ver.2.12.6964 Cloud Gate:9189 Ice Storm:44808 Sky diver:4425 Fire Strike:1083 | Pass |
| 14 | Transcend (TS1GSH72V1H 1.2V) [2Rx8] / SEC (K4A4G085WE-BCRC) / PC4-17000 (DDR4-2133)/ECC / 8GB *2 | DUT: DUT#3 M/B: CS170-C246DB Rev.A (0A1) [774-CS1701-200G/BMK361800010] CPU: Intel / Xeon E-2278GE (CoffeeLake-S/R0-QSJK,80W) / 3.3GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:31631 MB/s WRITE:32050 MB/s COPY:31658 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:11607.5 Memory Mark:2676.6 3.3DMark for Windows ver.2.12.6964 Cloud Gate:10413 Ice Storm:48087 Sky diver:4941 Fire Strike:1234 | Pass |
| 15 | Innodisk (M4S0-4GSSNCIK) / SEC (K4A4G085WE-BCTD) / PC4-21300 (DDR4-2666) / 4GB *2 | DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Core i3-9100E (CoffeeLake-S/R0-QSKA,65W) / 3.1GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:34223 MB/s WRITE:34698 MB/s COPY:30381 MB/s 2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:5582.9 Memory Mark:2514.6 3.3DMark for Windows ver.2.12.6964 Cloud Gate:7268 Ice Storm:46821 Sky diver:4298 Fire Strike:1072 | Pass |

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| | | <p>DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Pentium-G5400 (CoffeeLake-S/U0-SR3X9,58W) / 3.7GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:32440 MB/s WRITE:35069 MB/s COPY:31317 MB/s</p> <p>2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:3751.4 Memory Mark:2590.7</p> <p>3.3DMark for Windows ver.2.12.6964 Cloud Gate:6044 Ice Storm:30466 Sky diver:3008 Fire Strike:750</p> | Pass |
| 16 | Kingston (CBD26D4S9S1ME-4 1.2V) / Micron (8KE77-D9WFH) / PC4-21300 (DDR4-2666) / 4GB *2 | <p>DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Core i3-9100TE (CoffeeLake-S/B0-QT8P,35W) / 2.2GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:28606MB/s WRITE:31391 MB/s COPY:26192 MB/s</p> <p>2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:3984.5 Memory Mark:1957.5</p> <p>3.3DMark for Windows ver.2.12.6964 Cloud Gate:7028 Ice Storm:43855 Sky diver:4436 Fire Strike:1071</p> | Pass |
| | Kingston (CBD26D4S9S1ME-4 1.2V) / Micron (8KE77-D9WFH) / PC4-21300 (DDR4-2666) / 4GB *1 | <p>DUT: DUT#2 M/B: CS170-Q370DB Rev.A (0A1) [774-CS1701-100G/BMK362000009] CPU: Intel / Core i3-8100 (CoffeeLake-S/B0-QP5K,65W) / 3.6GHz DDR4: SO_DIMM1, Single channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:16850 MB/s WRITE:16831 MB/s COPY:16637 MB/s</p> <p>2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:6010 Memory Mark:1830.3</p> <p>3.3DMark for Windows ver.2.12.6964 Cloud Gate:6745 Ice Storm:36683 Sky diver:3876 Fire Strike:846</p> | Pass |
| | Transcend (TS512MSH64V4H) [1Rx8] / SEC (K4A4G085WE-BCRC) / PC4-19200 (DDR4-2400) / 4GB *2 | <p>DUT: DUT#1 M/B: CS170-H310DB Rev.A (0A2) [774-CS1701-000G/BMK361900008] CPU: Intel / Celeron G4900 (CoffeeLake-S/B0-SR3W4,54W) / 3.1GHz DDR4: SO_DIMM1/2, Dual channel Test Summary: 1.AIDA64 Cache and Memory Benchmark ver.6.25.5400 READ:30637 MB/s WRITE:34619 MB/s COPY:29309 MB/s</p> <p>2.Passmark PerformanceTest 10.0 Build1008 CPU Mark:2449.4 Memory Mark:2278.8</p> <p>3.3DMark for Windows ver.2.12.6964 Cloud Gate:4921 Ice Storm:27291 Sky diver:2847 Fire Strike:734</p> | Pass |