

1. Stability Test

1.1 CPU Function Test:

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

Test Environment	
DUT:	DUT#3
M/B:	ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006]
M/B BIOS:	B22A.25A (AMI-Aptio)
M/B Driver:	Driver_643-ADS310-100G_220516_01.iso
CPU:	Intel Core i7-12700E 2.1GHz Alder Lake-S/QYMH, 65W
DDR4:	Innodisk DDR4 2666 M4U0-8GSSKCIK, P/N: K4A4G085WE BCTD *4 pcs
SSD:	Transcend TS128GSSD420K 128GB
Display:	Onboard VGA
DVD-ROM:	ASUS ZenDrive U7M (SDRW-08U7M-U)
Power:	HSIUNG FENG KY-580ATX
Monitor:	Chimei 22SH
O.S.:	Windows 10 IoT Enterprise 2021 LTSC x64 UEFI (Version 21H2 Build 19044.1682)
DUT:	DUT#4
M/B:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024]
M/B BIOS:	B235.23A (AMI-Aptio)
M/B Driver:	Driver_643-ADS310-200G_230525_02.iso
CPU:	Intel Core i9-13900K 3.0GHz (Q1EQ)
DDR4:	Transcend DDR4-2666 ECC/TS4GLH72V6E 1.2V / K4AAG085WM-BCTD /32GB*2(DR076*2)
SSD:	Transcend TS128GSSD420K /128G
Display:	On-Board (using DP)
DVD-ROM:	ASUS /SDRW-08U7M-U/BLK/G/AS
Power:	Seasonic /SSP-500ES
Monitor:	BenQ /BL2400 (1920*1080,60p)
O.S.:	Windows 10 IOT Enterprise LTSC x64 Build 19044.2194 (21H2) UEFI

1.1.1 CPU Approved List:

No.	CPU	Type	Idle CPU Temp.	Full Loading CPU Temp.	Result
1	Intel / 2.3GHz	Core i9-12900E (Alder Lake-S/QYMF, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 65W	27 °C	29 °C	Pass
2	Intel / 2.1GHz	Intel Core i7-12700E 2.1GHz Alder Lake-S/QYMH, 65W	28 °C	31 °C	Pass
3	Intel / 1.4GHz	Core i7-12700TE (Alder Lake-S/QYMJ, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 35W	28 °C	30 °C	Pass
4	Intel / 2.9GHz	Core i5-12500E (Alder Lake-S/QYYP, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 65W	28 °C	30 °C	Pass
5	Intel / 3.3GHz	Core i3-12100 (Alder Lake-S/QYVR, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 60W	28 °C	30 °C	Pass
6	Intel / 3.0GHz	i9-13900K (RaptorLake-S/Q1EQ, 3.0GHz, Supported memory:DDR5 5600MT/s, DDR4 3200MT/s) / 125W	38 °C	45 °C	Pass
7	Intel / 1.8GHz	i9-13900E (RaptorLake-S/B0-Q1JB, 1.8GHz, Supported memory:DDR5 5600MT/s, DDR4 3200MT/s) / 65W	35 °C	40 °C	Pass
8	Intel / 1.0GHz	i9-13900TE (RaptorLake-S/B0-Q1JA, 1.0GHz, Supported memory:DDR5 5600MT/s, DDR4 3200MT/s) / 35W	34 °C	39 °C	Pass
9	Intel / 3.4GHz	i7-13700K (RaptorLake-S/Q1EK, 3.4GHz, Supported memory:DDR5 5600MT/s, DDR4 3200MT/s) / 125W	37 °C	43 °C	Pass
10	Intel / 1.9GHz	i7-13700E (RaptorLake-S/B0-Q1JC, 1.9GHz, Supported memory:DDR5 5600MT/s, DDR4 3200MT/s) / 65W	36 °C	39 °C	Pass
11	Intel / 1.4GHz	i7-13700T (RaptorLake-S/B0-Q1EM, 1.4GHz, Supported memory:DDR5 5600MT/s, DDR4 3200MT/s) / 35W	35 °C	39 °C	Pass

12	Intel / 1.1GHz	i7-13700TE (RaptorLake-S/B0-Q1JD, 1.1GHz, Supported memory:DDR5 5600MT/s, DDR4 3200MT/s) / 35W	33 °C	38 °C	Pass
13	Intel / 3.5GHz	i5-13600K (RaptorLake-S/Q1EN, 3.5GHz, Supported memory:DDR5 5600MT/s, DDR4 3200MT/s) / 125W	36 °C	42 °C	Pass
14	Intel / 2.4GHz	i5-13500E (RaptorLake-S/C0-Q1M6, 2.4GHz, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 65W	34 °C	37 °C	Pass
15	Intel / 1.6GHz	i5-13500T (RaptorLake-S/C0-Q1DH, 1.6GHz, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 35W	32 °C	35 °C	Pass
16	Intel / 1.3GHz	i5-13500TE (RaptorLake-S/C0-Q1M8, 1.3GHz, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 35W	30 °C	34 °C	Pass
17	Intel / 2.4GHz	i5-13400E (RaptorLake-S/B0-Q1JE, 2.4GHz, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 65W	31 °C	35 °C	Pass
18	Intel / 3.3GHz	i3-13100E (RaptorLake-S/H0-Q1N1, 3.3GHz, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 65W	32 °C	36 °C	Pass
19	Intel / 2.5GHz	i3-13100T (RaptorLake-S/H0-Q1CU, 2.5GHz, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 35W	33 °C	37 °C	Pass
20	Intel / 2.4GHz	i3-13100TE (RaptorLake-S/H0-Q1N3, 2.4GHz, Supported memory:DDR5 4800MT/s, DDR4 3200MT/s) / 35W	32 °C	38 °C	Pass

1.1.2 Application Test:

No.	Software	Test Keypoint	Result
1	CPU-Z Ver.2.01	1. Check all information.	Pass

1.2 Memory Function Test:

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 drivers 3. Run AIDA64 Cache and Memory Benchmark Ver.6.60.5900 - 1 time 4. Run PassMark Performance Test 10.1 Build1002 - 1 time 5. Run 3DMark for Windows Ver.2.15.7088 BenchMark - 3 times 6. Run PassMark BurnInTest Professional 10.2 Build1004 - 5 minutes 7. Run Memtest86 Stress test 12 hours 8. S3(Sleep)/S4(Hibernate)/S5(Shutdown) test - 3 times
Test Criteria	It should be correct for each test step

Test Environment	
DUT:	DUT#3
M/B:	ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006]
M/B BIOS:	B22A.25A (AMI-Aptio)
M/B Driver:	Driver_643-ADS310-100G_220516_01.iso
CPU:	Intel Core i7-12700E 2.1GHz Alder Lake-S/QYMH, 65W
DDR4:	Innodisk (M4U0-8GSSKCIK) / SEC (K4A4G085WE-BCTD) / PC4-21300 (DDR4-2666) / 8GB *4 pcs
SSD:	Transcend TS128GSSD420K 128GB
Display:	Onboard VGA
DVD-ROM:	ASUS ZenDrive U7M (SDRW-08U7M-U)
Power:	HSIUNG FENG KY-580ATX
Monitor:	Chimei 22SH
O.S.:	Windows 10 IoT Enterprise 2021 LTSC x64 UEFI (Version 21H2 Build 19044.1682)
DUT:	DUT#4
M/B:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024]
M/B BIOS:	B235.23A (AMI-Aptio)
M/B Driver:	Driver_643-ADS310-200G_230525_02.iso
CPU:	Intel Core i9-13900K 3.0GHz (Q1EQ)
DDR4:	Transcend DDR4-2666 ECC/TS4GLH72V6E 1.2V / K4AAG085WM-BCTD /32GB*2(DR076*2)
SSD:	Transcend TS128GSSD420K /128GB
Display:	On-Board (using DP)
DVD-ROM:	ASUS /SDRW-08U7M-U/BLK/G/AS
Power:	Seasonic /SSP-500ES
Monitor:	BenQ /BL2400 (1920*1080,60p)
O.S.:	Windows 10 IOT Enterprise LTSC x64 Build 19044.2194 (21H2) UEFI

1.2.1 DDR4:

No.	Function	Result
1	DDR4 DIMM Slot Examine	Pass
2	Single Channel mode	Pass
3	Dual channel mode	Pass
4	Warning beep sound when no memory install	Pass
5	DIMM Slot1	Pass
6	DIMM Slot2	Pass
7	DIMM Slot3	Pass
8	DIMM Slot4	Pass
9	Memory Frequency Check	Pass
10	Memory Capacity Check	Pass

1.2.2 Application Test:

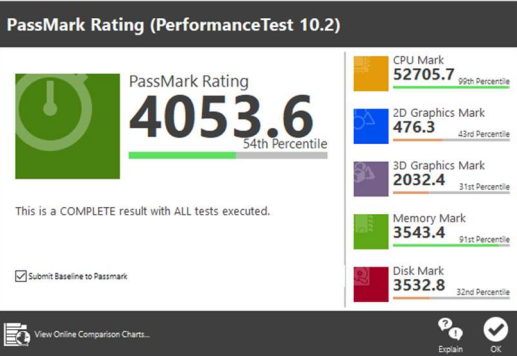
No.	Software	Test Keypoint	Test Summary	Result
1	MemTest86 Ver.9.4 Pro	1. Burn-In test 12 hours.	DIMM Slot: 1/2/3/4 Dual Channel O.S.: UEFI Shell For ECC in BIOS Test Summary (for BIOS setup) 1. Memory=32768M	Pass

1.2.3 DDR4 Approved List:

No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
1	ADATA	SEC	32GB	PC4-25600 (DDR4-3200)	K4AAG085WA-BCWE	AD4U3200732G22-BSSA 1.2V [32GX16]	Pass
2	Transcend	SEC	32GB	PC4-21300 (DDR4-2666)/ECC	K4AAG085WM-BCTD	TS4GLH72V6E 1.2V [2Rx8]	Pass
3	Apacer	SEC	16GB	PC4-21300 (DDR4-2666)	K4A8G085WB-BCTD	78.D1GS7.4010B 1.2V	Pass
4	Innodisk	SEC	8GB	PC4-21300 (DDR4-2666)	K4A4G085WE-BCTD	M4U0-8GSSKCIK	Pass
5	Innodisk	SEC	8GB	PC4-21300 (DDR4-2666)	K4A8G085WC-BCTD	M4U0-8GS1JCIK	Pass
6	Transcend	SEC	8GB	PC4-21300 (DDR4-2666)	K4A8G085WC-BCTD	TS1GLH64V6B 1.2V [1Rx8]	Pass
7	Innodisk	SEC	4GB	PC4-21300 (DDR4-2666)/ECC	K4A4G085WE-BCTD	M4C0-4GSSLCIK	Pass
8	ADATA	Skhynix	8GB	PC4-19200 (DDR4-2400)	H5AN8G8NAFR UHC	AD4U240038G17-BHYA 1.2V) [8GX8]	Pass
9	Transcend	SEC	4GB	PC4-17000 (DDR4-2133)/ECC	K4A4G085WD BCPB	TS8AAEESD [1R-x8]	Pass
10	ADATA	SEC	16GB	PC4-21300 (DDR4-2666)/ECC	K4A8G085WC-BCTD	AD4E2666316G19-BSSC 1.2V [16GX18]	Pass
11	ADATA	SKhynix	16GB	PC4-19200 (DDR4-2400)/ECC	H5AN8G8NAFR-UHC	AD4E2400316G17-BHYA 1.2V	Pass
12	Transcend	SEC	8GB	PC4-21300 (DDR4-2666)/ECC	K4A8G085WC-BCTD	TS1GLH72V6B 1.2V [1Rx8]	Pass
13	Transcend	SEC	8GB	PC4-17000 (DDR4-2133)/ECC	K4A4G085WE-BCRC	TS1GLH72V1H	Pass
14	Transcend	SEC	8GB	PC4-17000 (DDR4-2133)/ECC	K4A4G085WD-BCPB	TS1GLH72V1H 1.2V [512Mx8-x18/1024Mx72 1066MHz,CL=15]	Pass

1.2.4 DDR4 Memory Test Procedures:

No.	DDR4 Memory	Test Summary	Result
1	ADATA (AD4U3200732G22-BSSA 1.2V) [32GX16] / SEC (K4AAG085WA-BCWE) / PC4-25600 (DDR4-3200) / 32GB *3	M/B: ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006] DIMM Slot: DIMM-1/2/3 Dual Channel Test Summary: PassMark BurnInTest Professional 10.2 Build1004-5 mins:Pass S3/S4/S5 -3times:Pass	Pass
2	Transcend (TS4GLH72V6E 1.2V) [2Rx8] / SEC (K4AAG085WM-BCTD) / PC4-21300 (DDR4-2666)/ECC / 32GB *4	M/B: ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006] DIMM Slot: DIMM-1/2/3/4 Dual Channel Test Summary: PassMark BurnInTest Professional 10.2 Build1004-5 mins:Pass S3/S4/S5 -3times:Pass	Pass
3	Apacer (78.D1GS7.4010B 1.2V) / SEC (K4A8G085WB-BCTD) / PC4-21300 (DDR4-2666) / 16GB *4	M/B: ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006] DIMM Slot: DIMM-1/2/3/4 Dual Channel Test Summary: PassMark BurnInTest Professional 10.2 Build1004-5 mins:Pass S3/S4/S5 -3times:Pass	Pass
4	Innodisk (M4U0-8GSSKCIK) / SEC (K4A4G085WE-BCTD) / PC4-21300 (DDR4-2666) / 8GB *4	M/B: ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006] DIMM Slot: DIMM-1/2/3/4 Dual Channel Test Summary: AIDA64 Cache and Memory Benchmark ver.6.60.5900 READ:38224 MB/s WRITE:39573MB/s COPY:44668 MB/s PassMark PerformanceTest 10.1 Build 1003 CPU Mark:27663.5 Memory Mark:3395.7 3DMark for Windows ver.2.15.7088 Cloud Gate:16351 Ice Storm Extreme:59406 Skydiver:9046 Fire Strike:2406 PassMark BurnInTest Professional 10.2 Build1004-5 mins:Pass S3/S4/S5 -3times:Pass	Pass
5	Innodisk (M4U0-8GS1JCIK) / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666) / 8GB *4	M/B: ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006] DIMM Slot: DIMM-1/2/3/4 Dual Channel Test Summary: PassMark BurnInTest Professional 10.2 Build1004-5 mins:Pass S3/S4/S5 -3times:Pass	Pass

6	Transcend (TS1GLH64V6B 1.2V) [1Rx8] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666) / 8GB *2	M/B: ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006] DIMM Slot: DIMM-1/2 Single Channel Test Summary: PassMark BurnInTest Professional 10.2 Build1004-5 mins:Pass S3/S4/S5 -3times:Pass	Pass
7	Innodisk (M4C0-4GSSLCIK) / SEC (K4A4G085WE-BCTD) / PC4-21300 (DDR4-2666)/ECC / 4GB *2	M/B: ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006] DIMM Slot: DIMM-3/4 Single Channel Test Summary: PassMark BurnInTest Professional 10.2 Build1004-5 mins:Pass S3/S4/S5 -3times:Pass	Pass
8	ADATA (AD4U240038G17-BHYA 1.2V) [8GX8] / Skhynix (H5AN8G8NAFR UHC) / PC4-19200 (DDR4-2400) / 8GB *1	M/B: ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006] DIMM Slot: DIMM-2 Single Channel Test Summary: PassMark BurnInTest Professional 10.2 Build1004-5 mins:Pass S3/S4/S5 -3times:Pass	Pass
9	Transcend (TS8AAEESD) [1R-x8] / SEC (K4A4G085WD BCPB) / PC4-17000 (DDR4-2133)/ECC / 4GB *1	M/B: ADS310-Q670EIRM Rev.2 (023) [774-ADS3101-300G/KSM383800006] DIMM Slot: DIMM-1 Single Channel Test Summary: PassMark BurnInTest Professional 10.2 Build1004-5 mins:Pass S3/S4/S5 -3times:Pass	Pass
10	Transcend (TS4GLH72V6E 1.2V) [2Rx8] / SEC (K4AAG085WM-BCTD) / PC4-21300 (DDR4-2666)/ECC / 32GB *2	M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: Intel Core i9-13900K 3.0GHz (Q1EQ) Test Summary: DIMM-1/2 Dual Channel PassMark PerformanceTest 10.2 Build 1012  3DMark for Windows ver.2.15.7088 19 296 IN Cloud Gate (V1.1) 63 680 IN Ice Storm Extreme (V1.2) 10 051 IN Sky Diver (V1.0) 2 675 IN Fire Strike (V1.1) BurnInTest Professional 10.2 Build1004 - 5 minutes:Pass S3/S4/S5-3time:Pass	Pass
		M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i3-13100T @2.5Ghz (Q1CU) DIMM Slot: DIMM-1 Single Channel Test Summary: BurnInTest Professional 10.2 Build1004 - 5 minutes:Pass S3/S4/S5-3time:Pass	Pass
11	ADATA (AD4E2666316G19-BSSC 1.2V) [16GX18] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666)/ECC / 16GB *2	M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i9-13900E @1.8Ghz (Q1EQ) DIMM Slot: DIMM-1/2 Dual Channel Test Summary: BurnInTest Professional 10.2 Build1004 - 5 minutes:Pass S3/S4/S5-3time:Pass	Pass
		M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i3-13100E @3.3Ghz (Q1N1) DIMM Slot: DIMM-2 Single Channel Test Summary: BurnInTest Professional 10.2 Build1004 - 5 minutes:Pass S3/S4/S5-3time:Pass	Pass

12	ADATA (AD4E2400316G17-BHYA 1.2V) / SKhynix (H5AN8G8NAFR-UHC) / PC4-19200 (DDR4-2400)/ECC / 16GB *2	M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i9-13900TE @1.0Ghz (Q1JA)	Pass
		M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i5-13400E @2.4Ghz (Q1JE)	Pass
13	Transcend (TS1GLH72V6B 1.2V) [1Rx8] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666)/ECC / 8GB *2	M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i5-13500TE @3.4Ghz (Q1EK)	Pass
		M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i5-13500TE @1.3Ghz (Q1M8)	Pass
14	Innodisk (M4C0-4GSSLCIK) / SEC (K4A4G085WE-BCTD) / PC4-21300 (DDR4-2666)/ECC / 4GB *2	M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i7-13700E @1.9Ghz (Q1JC)	Pass
		M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i5-13500T @2.4Ghz (Q1DH)	Pass
15	Transcend (TS1GLH72V1H) / SEC (K4A4G085WE-BCRC) / PC4-17000 (DDR4-2133)/ECC / 8GB *2	M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i7-13700T @1.4Ghz (Q1EM)	Pass
		M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i7-13700TE @1.1Ghz (Q1JD)	Pass
16	Transcend (TS1GLH72V1H 1.2V) [512Mx8-x18/1024Mx72 1066MHz,CL=15] / SEC (K4A4G085WD-BCPB) / PC4-17000 (DDR4-2133)/ECC / 8GB *2	M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i5-13600K @3.5Ghz (Q1EN)	Pass
		M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i5-13500E @2.4Ghz (Q1M6)	Pass
		M/B: CPU: DIMM Slot: Test Summary:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] 13th Gen Intel Core i3-13100TE @2.4Ghz (Q1M3)	Pass

1.2.5 Memory Compatibility Test:

No.	DDR4 Memory	Test Summary	Result
1	Transcend (TS4GLH72V6E 1.2V) [2Rx8] / SEC (K4AAG085WM-BCTD) / PC4-21300 (DDR4-2666)/ECC / 32GB *2	M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: Intel Core i9-13900K 3.0GHz (Q1EQ) DIMM Slot: DIMM-1/2 Dual Channel Test Summary: 1.Install OS 2.Power Management Function Test 3.Memory Frequency Check 4.Memory Capacity Check	Pass
		M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i3-13100T @2.5Ghz (Q1CU) DIMM Slot: DIMM-1 Single Channel Test Summary: 1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	Pass
2	ADATA (AD4E2666316G19-BSSC 1.2V) [16GX18] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666)/ECC / 16GB *2	M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i9-13900E @1.8Ghz (Q1EQ) DIMM Slot: DIMM-1/2 Dual Channel Test Summary: 1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	Pass
		M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i3-13100E @3.3Ghz (Q1N1) DIMM Slot: DIMM-2 Single Channel Test Summary: 1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	Pass
3	ADATA (AD4E2400316G17-BHYA 1.2V) / SKhynix (H5AN8G8NAFR-UHC) / PC4-19200 (DDR4-2400)/ECC / 16GB *2	M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i9-13900TE @1.0Ghz (Q1JA) DIMM Slot: DIMM-1/2 Dual Channel Test Summary: 1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	Pass
		M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i5-13400E @2.4Ghz (Q1JE) DIMM Slot: DIMM-2 Single Channel Test Summary: 1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	Pass
4	Transcend (TS1GLH72V6B 1.2V) [1Rx8] / SEC (K4A8G085WC-BCTD) / PC4-21300 (DDR4-2666)/ECC / 8GB *2	M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i5-13500TE @3.4Ghz (Q1EK) DIMM Slot: DIMM-1/2 Dual Channel Test Summary: 1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	Pass
		M/B: ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024] CPU: 13th Gen Intel Core i5-13500TE @1.3Ghz (Q1M8) DIMM Slot: DIMM-1 Single Channel Test Summary: 1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	Pass

5	Innodisk (M4C0-4GSSLCIK) / SEC (K4A4G085WE-BCTD) / PC4-21300 (DDR4-2666)/ECC / 4GB *2	M/B:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024]	Pass
		CPU:	13th Gen Intel Core i7-13700E @1.9Ghz (Q1JC)	
		DIMM Slot:	DIMM-1/2 Dual Channel	
		Test Summary:	1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	
		M/B:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024]	Pass
		CPU:	13th Gen Intel Core i5-13500T @2.4Ghz (Q1DH)	
		DIMM Slot:	DIMM-1/2 Single Channel	
		Test Summary:	1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	
6	Transcend (TS1GLH72V1H) / SEC (K4A4G085WE-BCRC) / PC4-17000 (DDR4-2133)/ECC / 8GB *2	M/B:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024]	Pass
		CPU:	13th Gen Intel Core i7-13700T @1.4Ghz (Q1EM)	
		DIMM Slot:	DIMM-1/2 Dual Channel	
		Test Summary:	1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	
		M/B:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024]	Pass
		CPU:	13th Gen Intel Core i7-13700TE @1.1Ghz (Q1JD)	
		DIMM Slot:	DIMM-1 Single Channel	
		Test Summary:	1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	
7	Transcend (TS1GLH72V1H 1.2V) [512Mx8-x18/1024Mx72 1066MHz,CL=15] / SEC (K4A4G085WD-BCPB) / PC4-17000 (DDR4-2133)/ECC / 8GB *2	M/B:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024]	Pass
		CPU:	13th Gen Intel Core i5-13600K @3.5Ghz (Q1EN)	
		DIMM Slot:	DIMM-1/2 Dual Channel	
		Test Summary:	1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	
		M/B:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024]	
		CPU:	13th Gen Intel Core i5-13500E @2.4Ghz (Q1M6)	Pass
		DIMM Slot:	DIMM-2 Single Channel	
		Test Summary:	1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	
		M/B:	ADS310-R680EIRM Rev.A (0A1) [774-ADS3101-400G/KSN122200024]	
		CPU:	13th Gen Intel Core i3-13100TE @2.4Ghz (Q1M3)	Pass
		DIMM Slot:	DIMM-2 Single Channel	
		Test Summary:	1.Power Management Function Test 2.Memory Frequency Check 3.Memory Capacity Check	