

1. Stability Test: Rev.011/0A1

1.1 CPU Test:

Procedure:

- (1) Install O.S.
- (2) Check CPU information & specification with CPU-Z.
- (3) Run 3DMark11 Demo Edition Ver.1.0.5 BenchMark - 3 times.
- (4) Check CPU temperature in the BIOS after running 3DMark.
- (5) Run S3/S4/S5 - 3 times.

No.	CPU	Type	CPU Temp.	Result
1	Intel / 3.5GHz	Core i7-4770K (Haswell/C0-SR147) / 84W / LGA1150	33 °C	Pass
2	Intel / 3.1GHz	Core i7-4770S (Haswell/C0-SR14H) / 65W / LGA1150	49 °C	Pass
3	Intel / 3.1GHz	Core i7-4770S (Haswell/H3-QE73) / 65W / LGA1150	42 °C	Pass
4	Intel / 2.3GHz	Core i7-4770TE (Haswell/C0-SR183) / 45W / LGA1150	35 °C	Pass
5	Intel / 2.0GHz	Core i7-4765T (Haswell/C0-SR14Q) / 35W / LGA1150	48 °C	Pass
6	Intel / 2.3GHz	Core i5-4670T (Haswell/C0-SR14P) / 45W / LGA1150	52 °C	Pass
7	Intel / 3.1GHz	Core i5-4670S (Haswell/C0-SR14K) / 65W / LGA1150	40 °C	Pass
8	Intel / 3.1GHz	Core i5-4670S (Haswell/H3-QE75) / 65W / LGA1150	41 °C	Pass
9	Intel / 3.4GHz	Core i5-4670K (Haswell/C0-SR14A) / 84W / LGA1150	40 °C	Pass
10	Intel / 2.7GHz	Core i5-4570TE (Haswell/C0-SR17Z) / 35W / LGA1150	32 °C	Pass
11	Intel / 2.7GHz	Core i5-4570TE (Haswell/C0-QEEH) / 35W / LGA1150	35 °C	Pass
12	Intel / 2.9GHz	Core i5-4570S (Haswell/C0-SR14J) / 65W / LGA1150	43 °C	Pass
13	Intel / 2.9GHz	Core i5-4570S (Haswell/H3-QE74) / 65W / LGA1150	45 °C	Pass
14	Intel / 3.5GHz	Xeon Processor E3-1275 V3 (Haswell/H3-QE6A) / 84W / LGA1150	37 °C	Pass
15	Intel / 3.2GHz	Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 84W / LGA1150	41 °C	Pass
16	Intel / 2.3GHz	Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 45W / LGA1150	32 °C	Pass



1.2 DDR3 Module Test:

Procedure:

- (1) Install O.S.
- (2) Check CPU information & specification with CPU-Z.
- (3) Run 3DMark11 Demo Edition Ver.1.0.5 BenchMark - 3 times.
- (3) Run S3/S4/S5 - 3 times.

No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
1	Apacer	Micron	8GB	PC3-12800 (DDR3L-1600)	2ED27-D9PCP	75.C93DK.G000C 1.35V/1.5V [512Mx8b-x16/1024Mx64b,CL=11]	Pass
2	ACPIgroup	Hynix(SK)	8GB	PC3L-12800 (DDR3L-1600)	H5TC4G83AFR PBA	CMA5-4GA01AAL01A00 1.35V/1.5V [512Mx8b-x16/1Gx64b,CL=9]	Pass
3	Apacer	Hynix	4GB	PC3-12800 (DDR3-1600)	H5TQ2G83BFR PBC	78.B1GE3.AF10C 1.5V [256Mx8b-x16/512Mx64b,CL=11]	Pass
4	Hynix	Hynix	4GB	PC3-12800 (DDR3-1600)	H5TQ2G83BFR PBC	HMT351U6BFR8C-PBNO 1.5V [256Mx8b-x16/512Mx64b,CL=11]	Pass
5	Apacer	Hynix	4GB	PC3-12800 (DDR3-1600)	H5TC2G83EFR PBA	75.B83DE.G030C 1.5V [256Mx8b-x16/512Mx64b,CL=11]	Pass
6	INNODISK	Micron	4GB	PC3-12800 (DDR3L-1600)	1WM77-D9PFJ	M3UP-4GMJAL0C-M 1.35V/1.5V [256Mx8b-x16/512Mx64b,CL=9]	Pass
7	Hynix	Hynix	2GB	PC3-12800 (DDR3-1600)	H5TQ2G83BFR PBC	HMT325U6BFR8C-PBNO 1.5V [256Mx8b-x8/256Mx64b,CL=11]	Pass
8	Apacer	Hynix	2GB	PC3-12800 (DDR3-1600)	H5TC2G83EFR PBA	75.A83DE.G020C 1.5V [256Mx8b-x8/256Mx64b,CL=11]	Pass
9	ACPIgroup	Hynix	2GB	PC3-12800 (DDR3-1600)	H5TQ2G83EFR PBC	CMA4-4E801AAR01E00 1.5V [256Mx8b-x8/256Mx64b,CL=11]	Pass
10	INNODISK	Micron	2GB	PC3-12800 (DDR3L-1600)	1WM77-D9PFJ	M3UP-2GMJBL0C-M 1.35V/1.5V [256Mx8b-x8/256Mx64b,CL=9]	Pass
11	Transcend	Micron	8GB	PC3-10600 (DDR3-1333)	1ZD27-D9PBC/2CD27-DP9BC	TS1GLK64V3H 1.5V [512Mx8b-x16/1Gx64b,CL=9]	Pass
12	Transcend	SEC	4GB	PC3-10600 (DDR3-1333)	K4B2G0846D	TS512MLK64V3N 1.5V [256Mx8b-x16/512Mx64b,CL=9]	Pass
13	Apacer	ELPIDA	4GB	PC3-10600 (DDR3L-1333)	J2108ECSE-DJ-F	78.B1GEG.4210C 1.35V [256Mx8b-x16/512Mx64b,CL=9]	Pass
14	Transcend	SEC	2GB	PC3-10600 (DDR3-1333)	K4B1G0846D	TS256MLK64V3U 1.5V [128Mx8b/256Mx64b,CL=7]	Pass
15	ADATA	ADATA	2GB	PC3-10600 (DDR3-1333)	AD30908C8D-151G	AD31333002GOU(AD63I1B16) 1.5V±0.75 [2GX16,CL=9]	Pass

16	Elixir	Elixir	2GB	PC3-10600 (DDR3-1333)	M2Y2G64CB8HA9N-CG 1.5V	M2Y2G64CB8HA9N-CG 1.5V [256Mx64b,CL=9-9-9-25]	Pass
17	INNODISK	Hynix	2GB	PC3-10600 (DDR3-1333)	H5TQ1G83BFR H9C	M3UN-2GHFAC09-B 1.5V [128Mx8b/256Mx64b]	Pass
18	Crucial	Micron	2GB	PC3-10600 (DDR3-1333)	MT8JTF25664AZ-1G4D1	CT25664BA1339.8FD 1.5V [256Mx8b-x8/256Mx64b,CL=9]	Pass
19	Transcend	ELPIDA	2GB	PC3-10600 (DDR3-1333)/ECC	J1108BDBG-DJ-F	TS256MLK72V3U 1.5V [128Mx8b/256Mx72b,CL=9]	Pass
20	APLUS	SEC	2GB	PC3-10600 (DDR3-1333)/ECC	K4B1G0846E	A+D3DE1333/2G 1.5V [128Mx8b/256Mx72b,CL=9-9-9-25]	Pass



No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
21	Apacer	ELPIDA	2GB	PC3-10600 (DDR3-1333)/ECC	J1108BABG-DJ-E	78.A1GC8.423 1.5V [128Mx8b/256Mx72b,CL=9]	Pass
22	ADATA	SEC	2GB	PC3-10600 (DDR3-1333)/ECC	K4B1G0846D	AD1333002GME(SC03I1B18) 1.5V [128Mx8b/256Mx72b,CL=9]	Pass
23	Kingston	ELPIDA	1GB	PC3-10600 (DDR3-1333)	J1108BABG-DJ-E	KVR1333D3N9/1G 1.5V	Pass
24	ADATA	ADATA	1GB	PC3-10600 (DDR3-1333)	AD30908C8D-151G	AD3133300210U(AD63I1A08) 1.5V±0.75 [1GX8,CL=9]	Pass
25	Transcend	SEC	1GB	PC3-10600 (DDR3-1333)	K4B1G0846G	TS128MLK64V3U 1.5V [128Mx8b-x8/128Mx64b,CL=9]	Pass
26	Transcend	ELPIDA	1GB	PC3-10600 (DDR3-1333)/ECC	J1108BDBG-DJ-F	TS128MLK72V3U 1.5V [128Mx8b/128Mx72b,CL=9]	Pass
27	Apacer	ELPIDA	1GB	PC3-10600 (DDR3-1333)/ECC	J1108BABG-DJ-E	78.01GC8.422 1.5V [128Mx8b/128Mx72b,CL=9]	Pass
28	Transcend	Hynix	2GB	PC3-8500 (DDR3-1066)/ECC	H5TQ1G83BFRG7C	TS256MLK72V1U 1.5V [128Mx8b/256Mx72b,CL=7]	Pass
29	APLUS	SEC	2GB	PC3-8500 (DDR3-1066)/ECC	K4B1G0846E	A+D3DE1066/2G 1.5V [128Mx8b/256Mx72b,CL=8-8-8-23]	Pass
30	ADATA	Hynix	2GB	PC3-8500 (DDR3-1066)/ECC	H5TQ1G83BFRH9C	HY0YG1B18C1ZM 1.5V [128Mx8b/256Mx72b,CL=7]	Pass



1.3 DDR3 Module Test Procedures:

Procedure:

- (1) Install O.S.**
- (2) Check CPU information & specification with CPU-Z.**
- (3) Run 3DMark11 Demo Edition Ver.1.0.5 BenchMark - 3 times.**
- (4) Run S3/S4/S5 - 3 times.**

No.	DDR3 Module	Test Environment	3DMark Score	Result
1	Apacer (75.C93DK.G000C 1.35V/1.5V) [512Mx8b-x16/1024Mx64b,CL=11] / Micron (2ED27-D9PCP) / PC3-12800 (DDR3L-1600) / 8GB *4	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: Overnight looping under 11 hours	P992	Pass



No.	DDR3 Module	Test Environment	3DMark Score	Result
2	ACPIgroup (CMA5-4GA01AAL01A00 1.35V/1.5V) [512Mx8b-x16/1Gx64b,CL=9] / Hynix(SK) (H5TC4G83AFR PBA) / PC3L-12800 (DDR3L-1600) / 8GB *4	M/B: DL310-C226CRM Rev.1 (011) (BSD250400003) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: Overnight looping under 11 hours	P1425	Pass
3	Apacer (78.B1GE3.AF10C 1.5V) [256Mx8b-x16/512Mx64b,CL=11] / Hynix (H5TQ2G83BFR PBC) / PC3-12800 (DDR3-1600) / 4GB *1	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-4 (Single channel) SATA HDD: WD / WD6400BEVT-00A0RT0 SATA2 NCQ 640GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 32Bit (English)	P697	Pass



<p>4</p>	<p>Hynix (HMT351U6BFR8C-PBNO 1.5V) [256Mx8b-x16/512Mx64b,CL=11] / Hynix (H5TQ2G83BFR PBC) / PC3-12800 (DDR3-1600) / 4GB *1</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-3 (Single channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: Overnight looping under 10 hours</p>	<p>P1142</p>	<p>Pass</p>
<p>5</p>	<p>Apacer (75.B83DE.G030C 1.5V) [256Mx8b-x16/512Mx64b,CL=11] / Hynix (H5TC2G83EFR PBA) / PC3-12800 (DDR3-1600) / 4GB *4</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1</p>	<p>P1031</p>	<p>Pass</p>
<p>6</p>	<p>INNODISK (M3UP-4GMJAL0C-M 1.35V/1.5V) [256Mx8b-x16/512Mx64b,CL=9] / Micron (1WM77-D9PFJ) / PC3-12800 (DDR3L-1600) / 4GB *4</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1</p>	<p>P996</p>	<p>Pass</p>



No.	DDR3 Module	Test Environment	3DMark Score	Result
7	Hynix (HMT325U6BFR8C-PBNO 1.5V) [256Mx8b-x8/256Mx64b,CL=11] / Hynix (H5TQ2G83BFR PBC) / PC3-12800 (DDR3-1600) / 2GB *4	M/B: DL310-C226CRM Rev.1 (011) (BSD250400003) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SSD: Intel / SSDSC2CW060A3K5 SATA3 60GB/2.5" Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 8 Enterprise 64Bit (English)	P1410	Pass
8	Apacer (75.A83DE.G020C 1.5V) [256Mx8b-x8/256Mx64b,CL=11] / Hynix (H5TC2G83EFR PBA) / PC3-12800 (DDR3-1600) / 2GB *4	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 8 Enterprise 64Bit (English) Test Summary: Overnight looping under 11 hours	P1014	Pass
9	ACPIgroup (CMA4-4E801AAR01E00 1.5V) [256Mx8b-x8/256Mx64b,CL=11] / Hynix (H5TQ2G83EFR PBC) / PC3-12800 (DDR3-1600) / 2GB *4	M/B: DL310-C226CRM Rev.1 (011) (BSD250400003) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 7 Ultimate 64Bit (English) & SP1	P1016	Pass

<p>10</p>	<p>INNODISK (M3UP-2GMJBL0C-M 1.35V/1.5V) [256Mx8b-x8/256Mx64b,CL=9] / Micron (1WM77-D9PFJ) / PC3-12800 (DDR3L-1600) / 2GB *4</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)</p>	<p>P1014</p>	<p>Pass</p>
<p>11</p>	<p>Transcend (TS1GLK64V3H 1.5V) [512Mx8b-x16/1Gx64b,CL=9] / Micron (1ZD27-D9PBC/2CD27-DP9BC) / PC3-10600 (DDR3-1333) / 8GB *1</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-2 (Single channel) SATA HDD: WD / WD6400BEVT-00A0RT0 SATA2 NCQ 640GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1</p>	<p>P1085</p>	<p>Pass</p>



No.	DDR3 Module	Test Environment	3DMark Score	Result
12	Transcend (TS512MLK64V3N 1.5V) [256Mx8b-x16/512Mx64b,CL=9] / SEC (K4B2G0846D) / PC3-10600 (DDR3-1333) / 4GB *1	M/B: DL310-C226CRM Rev.1 (011) (BSD250400003) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-3 (Single channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 8 Enterprise 32Bit (English)	P1103	Pass
13	Apacer (78.B1GEG.4210C 1.35V) [256Mx8b-x16/512Mx64b,CL=9] / ELPIDA (J2108ECSE-DJ-F) / PC3-10600 (DDR3L-1333) / 4GB *1	M/B: DL310-C226CRM Rev.1 (011) (BSD250400003) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-3 (Single channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: Lite- On Board DVD-RW: On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 7 Ultimate 32Bit (English) & SP1	P1090	Pass
14	Transcend (TS256MLK64V3U 1.5V) [128Mx8b/256Mx64b,CL=7] / SEC (K4B1G0846D) / PC3-10600 (DDR3-1333) / 2GB *1	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1 (Single channel) SATA HDD: WD / WD6400BEVT-00A0RT0 SATA2 NCQ 640GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: Overnight looping under 10 hours	P969	Pass



<p>15</p>	<p>ADATA (AD31333002GOU(AD63I1B16) 1.5V±0.75) [2GX16,CL=9] / ADATA (AD30908C8D-151G) / PC3-10600 (DDR3-1333) / 2GB *1</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400003) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2 (Single channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 8 Enterprise 32Bit (English) Test Summary: Overnight looping under 10 hours</p>	<p>P1260</p>	<p>Pass</p>
<p>16</p>	<p>Elixir (M2Y2G64CB8HA9N-CG 1.5V) [256Mx64b,CL=9-9-9-25] / Elixir (M2Y2G64CB8HA9N-CG 1.5V) / PC3-10600 (DDR3-1333) / 2GB *1</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400003) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1 (Single channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 8 Enterprise 32Bit (English)</p>	<p>P839</p>	<p>Pass</p>



No.	DDR3 Module	Test Environment	3DMark Score	Result
17	INNODISK (M3UN-2GHFAC09-B 1.5V) [128Mx8b/256Mx64b] / Hynix (H5TQ1G83BFR H9C) / PC3-10600 (DDR3-1333) / 2GB *1	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-4 (Single channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) & SP1	P1046	Pass
18	Crucial (CT25664BA1339.8FD 1.5V) [256Mx8b-x8/256Mx64b,CL=9] / Micron (MT8JTF25664AZ-1G4D1) / PC3-10600 (DDR3-1333) / 2GB *4	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD6400BEVT-00A0RT0 SATA2 NCQ 640GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)	P1057	Pass
19	Transcend (TS256MLK72V3U 1.5V) [128Mx8b/256Mx72b,CL=9] / ELPIDA (J1108BDBG-DJ-F) / PC3-10600 (DDR3-1333)/ECC / 2GB *4	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 8 Enterprise 64Bit (English)	P991	Pass

<p>20</p>	<p>APLUS (A+D3DE1333/2G 1.5V) [128Mx8b/256Mx72b,CL=9-9-9-25] / SEC (K4B1G0846E) / PC3-10600 (DDR3-1333)/ECC / 2GB *2</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-3/4 (Single channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 32Bit (English)</p>	<p>P953</p>	<p>Pass</p>
<p>21</p>	<p>Apacer (78.A1GC8.423 1.5V) [128Mx8b/256Mx72b,CL=9] / ELPIDA (J1108BABG-DJ-E) / PC3-10600 (DDR3-1333)/ECC / 2GB *3</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1</p>	<p>P983</p>	<p>Pass</p>



No.	DDR3 Module	Test Environment	3DMark Score	Result
22	ADATA (AD1333002GME (SC03I1B18) 1.5V) [128Mx8b/256Mx72b,CL=9] / SEC (K4B1G0846D) / PC3-10600 (DDR3-1333)/ECC / 2GB *2	M/B: DL310-C226CRM Rev.1 (011) (BSD250400003) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2 (Single channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Delta / GPS-500BB 500W O.S.: Windows 7 Ultimate 32Bit (English) & SP1	P684	Pass
23	Kingston (KVR1333D3N9/1G 1.5V) / ELPIDA (J1108BABG-DJ-E) / PC3-10600 (DDR3-1333) / 1GB *1	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-4 (Single channel) SATA HDD: WD / WD6400BEVT-00A0RT0 SATA2 NCQ 640GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 32Bit (English)	P1385	Pass
24	ADATA (AD3133300210U(AD63I1A08) 1.5V±0.75) [1GX8,CL=9] / ADATA (AD30908C8D-151G) / PC3-10600 (DDR3-1333) / 1GB *3	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) & SP1	P1004	Pass

<p>25</p>	<p>Transcend (TS128MLK64V3U 1.5V) [128Mx8b-x8/128Mx64b,CL=9] / SEC (K4B1G0846G) / PC3-10600 (DDR3-1333) / 1GB *4</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400003) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SSD: Intel / SSDSC2CW060A3K5 SATA3 60GB/2.5" Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Delta / GPS-500BB 500W O.S.: Windows 7 Ultimate 32Bit (English) & SP1</p>	<p>P1445</p>	<p>Pass</p>
<p>26</p>	<p>Transcend (TS128MLK72V3U 1.5V) [128Mx8b/128Mx72b,CL=9] / ELPIDA (J1108BDBG-DJ-F) / PC3-10600 (DDR3-1333)/ECC / 1GB *4</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD6400BEVT-00A0RT0 SATA2 NCQ 640GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) & SP1</p>	<p>P1315</p>	<p>Pass</p>



No.	DDR3 Module	Test Environment	3DMark Score	Result
27	Apacer (78.01GC8.422 1.5V) [128Mx8b/128Mx72b,CL=9] / ELPIDA (J1108BABG-DJ-E) / PC3-10600 (DDR3-1333)/ECC / 1GB *3	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 32Bit (English)	P981	Pass
28	Transcend (TS256MLK72V1U 1.5V) [128Mx8b/256Mx72b,CL=7] / Hynix (H5TQ1G83BFRG7C) / PC3-8500 (DDR3-1066)/ECC / 2GB *3	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1	P986	Pass
29	APLUS (A+D3DE1066/2G 1.5V) [128Mx8b/256Mx72b,CL=8-8-8-23] / SEC (K4B1G0846E) / PC3-8500 (DDR3-1066)/ECC / 2GB *3	M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1	P1006	Pass

<p>30</p>	<p>ADATA (HY0YG1B18C1ZM 1.5V) [128Mx8b/256Mx72b,CL=7] / Hynix (H5TQ1G83BFRH9C) / PC3-8500 (DDR3-1066)/ECC / 2GB *3</p>	<p>M/B: DL310-C226CRM Rev.1 (011) (BSD250400002) M/B BIOS: AMI-Aptio 08/15/2013 M/B Driver: Demo Jul/15/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2/3/4 (Dual channel) SATA HDD: Seagate / ST500DM002 SATA3 NCQ 500GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1</p>	<p>P993</p>	<p>Pass</p>
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