

# 1. Stability Test: Rev.021/0A1

## 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
<b>1</b>	Intel / 3.1GHz	Core i7-4770S (Haswell/C0-SR14H) / 65W / LGA1150	<b>33 °C</b>	<b>Pass</b>
<b>2</b>	Intel / 2.3GHz	Core i7-4770TE (Haswell/C0-SR183) / 45W / LGA1150	<b>39 °C</b>	<b>Pass</b>
<b>3</b>	Intel / 2.3GHz	Core i5-4670T (Haswell/C0-SR14P) / 45W / LGA1150	<b>44 °C</b>	<b>Pass</b>
<b>4</b>	Intel / 3.1GHz	Core i5-4670S (Haswell/H3-QE75) / 65W / LGA1150	<b>43 °C</b>	<b>Pass</b>
<b>5</b>	Intel / 2.7GHz	Core i5-4570TE (Haswell/C0-SR17Z) / 35W / LGA1150	<b>37 °C</b>	<b>Pass</b>
<b>6</b>	Intel / 2.9GHz	Core i5-4570S (Haswell/C0-SR14J) / 65W / LGA1150	<b>40 °C</b>	<b>Pass</b>
<b>7</b>	Intel / 3.5GHz	Xeon Processor E3-1275 V3 (Haswell/H3-QE6A) / 84W / LGA1150	<b>37 °C</b>	<b>Pass</b>
<b>8</b>	Intel / 3.2GHz	Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 84W / LGA1150	<b>38 °C</b>	<b>Pass</b>
<b>9</b>	Intel / 2.3GHz	Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 45W / LGA1150	<b>31 °C</b>	<b>Pass</b>



## 1.2 DDR3 Module Test:

### Procedure:

- (1) Install O.S.
- (2) Check Memory 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.	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	PC3-12800 (DDR3L-1600)	H5TC4G83AFR PBA	CMA5-4GA01AAL01A00 1.35V/1.5V [512Mx8b-x16/1Gx64b,CL=9]	Pass
3	Hynix	Hynix	4GB	PC3-12800 (DDR3-1600)	H5TQ2G83BFR PBC	HMT351U6BFR8C-PBNO 1.5V [256Mx8b-x16/512Mx64b,CL=11]	Pass
4	INNODISK	MICron	4GB	PC3-12800 (DDR3L-1600)	1WM77-D9PFJ	M3UP-4GMJAL0C-M 1.35V/1.5V [256Mx8b-x16/512Mx64b,CL=9]	Pass
5	Hynix	Hynix	2GB	PC3-12800 (DDR3-1600)	H5TQ2G83BFR PBC	HMT325U6BFR8C-PBNO 1.5V [256Mx8b-x8/256Mx64b,CL=11]	Pass
6	Transcend	MICron	8GB	PC3-10600 (DDR3-1333)	1ZD27-D9PBC/2CD27-DP9BC	TS1GLK64V3H 1.5V [512Mx8b-x16/1Gx64b,CL=9]	Pass



No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
7	Transcend	SEC	4GB	PC3-10600 (DDR3-1333)	K4B2G0846D	TS512MLK64V3N 1.5V [256Mx8b-x16/512Mx64b,CL=9]	Pass
8	Transcend	Transcend	2GB	PC3-10600 (DDR3-1333)	TK243WAF3	JM1333KLU-2G 1.5V [128Mx8b/256Mx64b,CL=9-9-9]	Pass
9	Apacer	Hynix	2GB	PC3-10600 (DDR3-1333)	H5TQ2G83BFR H9C	78.A1GDE.AF00C 1.5V [256Mx8b-x8/256Mx64b,CL=9]	Pass
10	Transcend	ELPIDA	2GB	PC3-10600 (DDR3-1333)	J1108BDBG-DJ-F	TS256MLK64V3U 1.5V [128Mx8b-x16/256Mx64b,CL=9]	Pass
11	Transcend	SEC	2GB	PC3-10600 (DDR3-1333)	K4B2G0846D	TS256MLK64V3N 1.5V [256Mx8b-x8/256Mx64b,CL=9]	Pass
12	Transcend	Hynix	2GB	PC3-10600 (DDR3-1333)	H5TQ2G83CFR PBC	TS256MLK64V3N 1.5V [256Mx8b-x8/256Mx64b,CL=9]	Pass
13	APLUS	SEC	2GB	PC3-10600 (DDR3-1333)/ECC	K4B1G0846E	A+D3DE1333/2G 1.5V [128Mx8b/256Mx72b,CL=9-9-9-25]	Pass
14	Apacer	ELPIDA	2GB	PC3-10600 (DDR3-1333)/ECC	J1108BABG-DJ-E	78.A1GC8.423 1.5V [128Mx8b/256Mx72b,CL=9]	Pass
15	Apacer	ELPIDA	1GB	PC3-10600 (DDR3-1333)	J1108BABG-DJ-E	AP1024UT1K2N 1.5V	Pass
16	Kingston	ELPIDA	1GB	PC3-10600 (DDR3-1333)	J1108BABG-DJ-E	KVR1333D3N9/1G 1.5V	Pass
17	ADATA	ADATA	1GB	PC3-10600 (DDR3-1333)	AD30908C8D-151G	AD3133300210U(AD63I1A08) 1.5V±0.75 [1GX8,CL=9]	Pass
18	DSL	Hynix	1GB	PC3-10600 (DDR3-1333)	H5TQ1G83BFR H9C	D3UH28081XH15AA 1.5V [128Mx8b-*8/128Mx64b,CL=9]	Pass
19	Apacer	Hynix	1GB	PC3-10600 (DDR3-1333)	H5TQ1G83BFR H9C	78.01GC6.AF0 1.5V [128Mx8b-x8/128Mx64b,CL=9]	Pass
20	Transcend	SEC	1GB	PC3-10600 (DDR3-1333)	K4B1G0846G	TS128MLK64V3U 1.5V [128Mx8b-x8/128Mx64b,CL=9]	Pass
21	Transcend	ELPIDA	1GB	PC3-10600 (DDR3-1333)/ECC	J1108BDBG-DJ-F	TS128MLK72V3U 1.5V [128Mx8b/128Mx72b,CL=9]	Pass
22	Apacer	ELPIDA	1GB	PC3-10600 (DDR3-1333)/ECC	J1108BABG-DJ-E	78.01GC8.422 1.5V [128Mx8b/128Mx72b,CL=9]	Pass
23	Kingston	Hynix	4GB	PC3-8500 (DDR3-1066)	H5TQ2G83AFR	KVR1066D3N7/4G 1.5V [512MX64,CL=7]	Pass

<b>24</b>	Transcend	SEC	2GB	PC3-8500 (DDR3-1066)	K4B1G0846D	TS256MLK64V1U 1.5V [128Mx8b/256Mx64b,CL=7-7-7]	<b>Pass</b>
<b>25</b>	INNODISK	Hynix	2GB	PC3-8500 (DDR3-1066)	H5TQ1G83BFR H9C	M3UN-2GHFACM7-B 1.5V [128Mx8b/256Mx64b]	<b>Pass</b>
<b>26</b>	Hynix	Hynix	2GB	PC3-8500 (DDR3-1066)	H5TQ2G83BFR-G7C	HMT325U6BFR8C-G7 1.5V [256Mx8b-8/256Mx64b,CL=7]	<b>Pass</b>
<b>27</b>	Transcend	Hynix	2GB	PC3-8500 (DDR3-1066)/ECC	H5TQ1G83BFRG7C	TS256MLK72V1U 1.5V [128Mx8b/256Mx72b,CL=7]	<b>Pass</b>
<b>28</b>	APLUS	SEC	2GB	PC3-8500 (DDR3-1066)/ECC	K4B1G0846E	A+D3DE1066/2G 1.5V [128Mx8b/256Mx72b,CL=8-8-8-23]	<b>Pass</b>
<b>29</b>	ADATA	Hynix	2GB	PC3-8500 (DDR3-1066)/ECC	H5TQ1G83BFRH9C	HY0YG1B18C1ZM 1.5V [128Mx8b/256Mx72b,CL=7]	<b>Pass</b>
<b>30</b>	INNODISK	Hynix	2GB	PC3-8500 (DDR3-1066)/ECC	H5TQ2G83BFR H9C	M3CN-2GHJ1CM7-B 1.5V [256Mx8b-x9/256Mx72b]	<b>Pass</b>
<b>31</b>	Transcend	SEC	1GB	PC3-8500 (DDR3-1066)	K4B1G0846D	TS128MLK64V1U 1.5V [128Mx8b/128Mx64b,CL=7-7-7]	<b>Pass</b>



### 1.3 DDR3 Module Test Procedures:

**Procedure:**

- (1) Install O.S.**
- (2) Check Memory 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
<b>1</b>	Apacer (75.C93DK.G000C 1.35V/1.5V) [512Mx8b-x16/1024Mx64b,CL=11] / MICron (2ED27-D9PCP) / PC3-12800 (DDR3L-1600) / 8GB *1	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-4 (Single channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)	<b>P1054</b>	<b>Pass</b>
<b>2</b>	ACPIgroup (CMA5-4GA01AAL01A00 1.35V/1.5V) [512Mx8b-x16/1Gx64b,CL=9] / Hynix(SK) (H5TC4G83AFR PBA) / PC3-12800 (DDR3L-1600) / 8GB *1	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)	<b>P976</b>	<b>Pass</b>



<p><b>3</b></p>	<p>Hynix (HMT351U6BFR8C-PBNO 1.5V) [256Mx8b-x16/512Mx64b,CL=11] / Hynix (H5TQ2G83BFR PBC) / PC3-12800 (DDR3-1600) / 4GB *4</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) &amp; SP1</p>	<p><b>P998</b></p>	<p><b>Pass</b></p>
<p><b>4</b></p>	<p>INNODISK (M3UP-4GMJAL0C-M 1.35V/1.5V) [256Mx8b-x16/512Mx64b,CL=9] / MICron (1WM77-D9PFJ) / PC3-12800 (DDR3L-1600) / 4GB *1</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) &amp; SP1</p>	<p><b>P1034</b></p>	<p><b>Pass</b></p>
<p><b>5</b></p>	<p>Hynix (HMT325U6BFR8C-PBNO 1.5V) [256Mx8b-x8/256Mx64b,CL=11] / Hynix (H5TQ2G83BFR PBC) / PC3-12800 (DDR3-1600) / 2GB *4</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)</p>	<p><b>P1420</b></p>	<p><b>Pass</b></p>



No.	DDR3 Module	Test Environment	3DMark Score	Result
6	Transcend (TS1GLK64V3H 1.5V) [512Mx8b-x16/1Gx64b,CL=9] / MICron (1ZD27-D9PBC/2CD27-DP9BC) / PC3-10600 (DDR3-1333) / 8GB *1	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-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	<b>P981</b>	<b>Pass</b>
7	Transcend (TS512MLK64V3N 1.5V) [256Mx8b-x16/512Mx64b,CL=9] / SEC (K4B2G0846D) / PC3-10600 (DDR3-1333) / 4GB *1	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1275 V3 (Haswell/H3-QE6A) / 3.5GHz DIMM Slot: DIMM-4 (Single channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1	<b>P1256</b>	<b>Pass</b>
8	Transcend (JM1333KLU-2G 1.5V) [128Mx8b/256Mx64b,CL=9-9-9] / Transcend (TK243WAF3) / PC3-10600 (DDR3-1333) / 2GB *3	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/3/4 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)	<b>P1055</b>	<b>Pass</b>

<p><b>9</b></p>	<p>Apacer (78.A1GDE.AF00C 1.5V) [256Mx8b-x8/256Mx64b,CL=9] / Hynix (H5TQ2G83BFR H9C) / PC3-10600 (DDR3-1333) / 2GB *2</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300008) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-3/4 (Single channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) &amp; SP1</p>	<p><b>P962</b></p>	<p><b>Pass</b></p>
<p><b>10</b></p>	<p>Transcend (TS256MLK64V3U 1.5V) [128Mx8b-x16/256Mx64b,CL=9] / ELPIDA (J1108BDBG-DJ-F) / PC3-10600 (DDR3-1333) / 2GB *3</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2/3/4 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) &amp; SP1</p>	<p><b>P1081</b></p>	<p><b>Pass</b></p>





No.	DDR3 Module	Test Environment	3DMark Score	Result
11	Transcend (TS256MLK64V3N 1.5V) [256Mx8b-x8/256Mx64b,CL=9] / SEC (K4B2G0846D) / PC3-10600 (DDR3-1333) / 2GB *4	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)	P1118	Pass
12	Transcend (TS256MLK64V3N 1.5V) [256Mx8b-x8/256Mx64b,CL=9] / Hynix (H5TQ2G83CFR PBC) / PC3-10600 (DDR3-1333) / 2GB *1	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) & SP1	P929	Pass
13	APLUS (A+D3DE1333/2G 1.5V) [128Mx8b/256Mx72b,CL=9-9-9-25] / SEC (K4B1G0846E) / PC3-10600 (DDR3-1333)/ECC / 2GB *4	M/B: DL631-C226CRM Rev.2 (021) (BSD250300001) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD1002FAEX-00Z3A0 SATA3 NCQ 1TB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)	P1396	Pass

<p><b>14</b></p>	<p>Apacer (78.A1GC8.423 1.5V) [128Mx8b/256Mx72b,CL=9] / ELPIDA (J1108BABG-DJ-E) / PC3-10600 (DDR3-1333)/ECC / 2GB *4</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300001) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD1002FAEX-00Z3A0 SATA3 NCQ 1TB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) &amp; SP1</p>	<p><b>P1349</b></p>	<p><b>Pass</b></p>
<p><b>15</b></p>	<p>Apacer (AP1024UT1K2N 1.5V) / ELPIDA (J1108BABG-DJ-E) / PC3-10600 (DDR3-1333) / 1GB *2</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2/4 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) &amp; SP1</p>	<p><b>P1098</b></p>	<p><b>Pass</b></p>



No.	DDR3 Module	Test Environment	3DMark Score	Result
16	Kingston (KVR1333D3N9/1G 1.5V) / ELPIDA (J1108BABG-DJ-E) / PC3-10600 (DDR3-1333) / 1GB *4	M/B: DL631-C226CRM Rev.2 (021) (BSD250300008) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) & SP1	P1395	Pass
17	ADATA (AD3133300210U(AD63I1A08) 1.5V±0.75) [1GX8,CL=9] / ADATA (AD30908C8D-151G) / PC3-10600 (DDR3-1333) / 1GB *2	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/4 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 32Bit (English)	P1085	Pass
18	DSL (D3UH28081XH15AA 1.5V) [128Mx8b-*8/128Mx64b,CL=9] / Hynix (H5TQ1G83BFR H9C) / PC3-10600 (DDR3-1333) / 1GB *4	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: Overnight looping under 10 hours	P1323	Pass

<p><b>19</b></p>	<p>Apacer (78.01GC6.AF0 1.5V) [128Mx8b-x8/128Mx64b,CL=9] / Hynix (H5TQ1G83BFR H9C) / PC3-10600 (DDR3-1333) / 1GB *2</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-2/3 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) &amp; SP1</p>	<p><b>P1093</b></p>	<p><b>Pass</b></p>
<p><b>20</b></p>	<p>Transcend (TS128MLK64V3U 1.5V) [128Mx8b-x8/128Mx64b,CL=9] / SEC (K4B1G0846G) / PC3-10600 (DDR3-1333) / 1GB *4</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) &amp; SP1</p>	<p><b>P1103</b></p>	<p><b>Pass</b></p>



No.	DDR3 Module	Test Environment	3DMark Score	Result
21	Transcend (TS128MLK72V3U 1.5V) [128Mx8b/128Mx72b,CL=9] / ELPIDA (J1108BDBG-DJ-F) / PC3-10600 (DDR3-1333)/ECC / 1GB *4	M/B: DL631-C226CRM Rev.2 (021) (BSD250300001) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD1002FAEX-00Z3A0 SATA3 NCQ 1TB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) & SP1	P1392	Pass
22	Apacer (78.01GC8.422 1.5V) [128Mx8b/128Mx72b,CL=9] / ELPIDA (J1108BABG-DJ-E) / PC3-10600 (DDR3-1333)/ECC / 1GB *3	M/B: DL631-C226CRM Rev.2 (021) (BSD250300001) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3 (Dual channel) SATA HDD: WD / WD1002FAEX-00Z3A0 SATA3 NCQ 1TB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1	P1321	Pass
23	KingSton (KVR1066D3N7/4G 1.5V) [512MX64,CL=7] / Hynix (H5TQ2G83AFR) / PC3-8500 (DDR3-1066) / 4GB *1	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)	P878	Pass

<p><b>24</b></p>	<p>Transcend (TS256MLK64V1U 1.5V) [128Mx8b/256Mx64b,CL=7-7-7] / SEC (K4B1G0846D) / PC3-8500 (DDR3-1066) / 2GB *1</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 32Bit (English)</p>	<p><b>P894</b></p>	<p><b>Pass</b></p>
<p><b>25</b></p>	<p>INNODISK (M3UN-2GHFACM7-B 1.5V) [128Mx8b/256Mx64b] / Hynix (H5TQ1G83BFR H9C) / PC3-8500 (DDR3-1066) / 2GB *1</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 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-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 32Bit (English)</p>	<p><b>P955</b></p>	<p><b>Pass</b></p>



No.	DDR3 Module	Test Environment	3DMark Score	Result
26	Hynix (HMT325U6BFR8C-G7 1.5V) [256Mx8b-8/256Mx64b,CL=7] / Hynix (H5TQ2G83BFR-G7C) / PC3-8500 (DDR3-1066) / 2GB *2	M/B: DL631-C226CRM Rev.2 (021) (BSD250300008) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/3 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1	P1087	Pass
27	Transcend (TS256MLK72V1U 1.5V) [128Mx8b/256Mx72b,CL=7] / Hynix (H5TQ1G83BFRG7C) / PC3-8500 (DDR3-1066)/ECC / 2GB *4	M/B: DL631-C226CRM Rev.2 (021) (BSD250300001) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD1002FAEX-00Z3A0 SATA3 NCQ 1TB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)	P1366	Pass
28	APLUS (A+D3DE1066/2G 1.5V) [128Mx8b/256Mx72b,CL=8-8-8-23] / SEC (K4B1G0846E) / PC3-8500 (DDR3-1066)/ECC / 2GB *4	M/B: DL631-C226CRM Rev.2 (021) (BSD250300001) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD1002FAEX-00Z3A0 SATA3 NCQ 1TB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) & SP1	P1369	Pass

<p><b>29</b></p>	<p>ADATA (HY0YG1B18C1ZM 1.5V) [128Mx8b/256Mx72b,CL=7] / Hynix (H5TQ1G83BFRH9C) / PC3-8500 (DDR3-1066)/ECC / 2GB *4</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300001) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-1/2/3/4 (Dual channel) SATA HDD: WD / WD1002FAEX-00Z3A0 SATA3 NCQ 1TB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 64Bit (English) &amp; SP1</p>	<p><b>P1373</b></p>	<p><b>Pass</b></p>
<p><b>30</b></p>	<p>INNODISK (M3CN-2GHJ1CM7-B 1.5V) [256Mx8b-x9/256Mx72b] / Hynix (H5TQ2G83BFR H9C) / PC3-8500 (DDR3-1066)/ECC / 2GB *2</p>	<p>M/B: DL631-C226CRM Rev.2 (021) (BSD250300001) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1225 V3 (Haswell/H3-QE6C) / 3.2GHz DIMM Slot: DIMM-2/4 (Dual channel) SATA HDD: WD / WD1002FAEX-00Z3A0 SATA3 NCQ 1TB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 8 Enterprise 64Bit (English)</p>	<p><b>P1365</b></p>	<p><b>Pass</b></p>





No.	DDR3 Module	Test Environment	3DMark Score	Result
31	Transcend TS128MLK64V1U 1.5V [128Mx8b/128Mx64b,CL=7-7-7] / SEC (K4B1G0846D) / PC3-8500 (DDR3-1066) / 1GB *2	M/B: DL631-C226CRM Rev.2 (021) (BSD250300002) M/B BIOS: AMI-Aptio 08/06/2013 M/B Driver: Demo Aug/06/2013 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/H3-QEEG) / 2.3GHz DIMM Slot: DIMM-1/3 (Dual channel) SATA HDD: WD / WD360ADFD SATA1 NCQ 36GB/10000RPM Display: On Board DVD-ROM: Pioneer / DVD-230DW 18X SATA Power: Jagier / KY-580ATX 480W O.S.: Windows 7 Ultimate 32Bit (English) & SP1	P1060	Pass

