

1. Stability Test: Rev.011

1.1 CPU Test:

Procedure:

- (1) Install O.S.
- (2) Check CPU information & specification with CPU-Z.
- (3) Run Passmark Performance Test 8.0 Build1027 - 1 time.
- (4) Run AIDA64 Cache and Memory Benchmark Ver.4.50.3000 - 1 time.
- (5) Run 3DMark for Windows Ver.1.3.708 BenchMark - 3 times.
- (6) Check CPU temperature in the BIOS after running 3DMark.
- (7) Run S3/S4/S5 - 3 times.

No.	CPU	Type	CPU Temp.	Result
1	Intel / 3.1GHz	Core i7-4770S (Haswell/C0-SR14H) / 65W / LGA1150	41 °C	Pass
2	Intel / 2.3GHz	Core i7-4770TE (Haswell/C0-SR183) / 45W / LGA1150	32 °C	Pass
3	Intel / 2.0GHz	Core i7-4765T (Haswell/C0-SR14Q) / 35W / LGA1150	51 °C	Pass
4	Intel / 2.3GHz	Core i5-4670T (Haswell/C0-SR14P) / 45W / LGA1150	47 °C	Pass
5	Intel / 3.1GHz	Core i5-4670S (Haswell/C0-SR14K) / 65W / LGA1150	44 °C	Pass
6	Intel / 2.7GHz	Core i5-4570TE (Haswell/C0-SR17Z) / 35W / LGA1150	31 °C	Pass
7	Intel / 2.9GHz	Core i5-4570S (Haswell/H3-QE74) / 65W / LGA1150	48 °C	Pass
8	Intel / 3.7GHz	Core i3-4360 (Haswell/C0-SR1PC) / 54W / LGA1150	31 °C	Pass
9	Intel / 3.1GHz	Core i3-4350T (Haswell/C0-SR1PA) / 35W / LGA1150	43 °C	Pass
10	Intel / 2.6GHz	Core i3-4340TE (Haswell/C0-SR1T5) / 35W / LGA1150	29.5 °C	Pass
11	Intel / 3.5GHz	Core i3-4330 (Haswell/C0-SR1NM) / 54W / LGA1150	35 °C	Pass
12	Intel / 2.4GHz	Core i3-4330TE (Haswell/C0-SR180) / 35W / LGA1150	50 °C	Pass
13	Intel / 3.2GHz	Pentium-G3420 (Haswell/C0-SR1NB) / 54W / LGA1150	32 °C	Pass
14	Intel / 2.3GHz	Pentium-G3320TE (Haswell/C0-SR181) / 35W / LGA1150	29 °C	Pass
15	Intel / 2.7GHz	Celeron G1820 (Haswell/C0-SR1CN) / 53W / LGA1150	30 °C	Pass
16	Intel / 2.2GHz	Celeron G1820TE (Haswell/C0-SR1T6) / 35W / LGA1150	30 °C	Pass
17	Intel / 2.3GHz	Xeon Processor E3-1268L V3 (Haswell/C0-SR17Y) / 45W / LGA1150	32 °C	Pass

1.2 DDR3 SO-DIMM Test:

Procedure:

- (1) Install O.S.
- (2) Check Memory information & specification with CPU-Z.
- (3) Run Passmark Performance Test 8.0 Build1027 - 1 time.
- (4) Run AIDA64 Cache and Memory Benchmark Ver.4.50.3000 - 1 time.
- (5) Run 3DMark for Windows Ver.1.3.708 BenchMark - 3 times.
- (6) Run S3/S4/S5 - 3 times.

No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
1	Transcend	Micron	8GB	PC3-12800 (DDR3-1600)	1ZD27-D9PBC	TS1GSK64V6H 1.5V [512Mx8b-x16/1024Mx64b,CL=11]	Pass
2	Apacer	Micron	8GB	PC3-12800 (DDR3L-1600)	2ED27-D9PCP	75.C93DL.G000C 1.35V/1.5V [512Mx8b-x16/1024Mx64b,CL=11]	Pass
3	Crucial	Micron	8GB	PC3-12800 (DDR3L-1600)	2RD27D9PCP	CT102464BF160B.16FDD (MT16KTF1G64HZ-1G6D1) 1.35/1.5V [512Mx8b-x16/1024Mx64b,CL=11-11-11-30]	Pass
4	Transcend	SEC	8GB	PC3L-12800 (DDR3L-1600)	K4B4G0846D	TS1GSK64W6H 1.35V/1.5V [512Mx8b-x16/1Gx64b,CL=11-11-11]	Pass
5	ADATA	ELPIDA	4GB	PC3-12800 (DDR3-1600)	J2108BCSE-GN-F	SU3S1600C4G11-B 1.5V [256Mx8b-x16/512Mx64b,CL=11]	Pass
6	INNODISK	Micron	4GB	PC3-12800 (DDR3L-1600)	1XM77-D9PFJ	M3SP-4GMJDL0C-M 1.35V/1.5V [256Mx8b-x16/512Mx64b,CL=9]	Pass
7	Apacer	Micron	4GB	PC3-12800 (DDR3L-1600)	2DM77-D9PFJ	75.B83DL.G000C 1.35V/1.5V [256Mx8b-x16/512Mx64b,CL=11]	Pass
8	Crucial	Micron	4GB	PC3-12800 (DDR3L-1600)	2RM77D9PFJ	CT51264BF160B.16FMR (MT16KTF51264HZ-1G6M1) 1.35V/1.35V [256Mx8b-x16/512Mx64b,CL=11-11-11-30]	Pass
9	Transcend	SEC	4GB	PC3L-12800 (DDR3L-1600)	K4B4G0846D	TS512MSK64W6H 1.35V/1.5V [512Mx8b-x8/512Mx64b,CL=11-11-11]	Pass
10	Hynix	Hynix	2GB	PC3-12800 (DDR3-1600)	H5TQ2G83BFR PBC	HMT325S6BFR8C-PBNO 1.5V [256Mx8b-x8/256Mx64b,CL=11]	Pass
11	ADATA	ELPIDA	2GB	PC3-12800 (DDR3-1600)	J2108BCSE-GN-F	EL74C1B08 10281590 1.5V [256Mx8b-x8/256Mx64b,CL=11-11-11]	Pass
12	Transcend	Transcend	2GB	PC3-12800 (DDR3-1600)	TK483PCW3-T1125	JJM11660000KSN--22G 1.5V [256Mx8b-x8/256Mx64b,CL=11]	Pass

13	Transcend	SEC	2GB	PC3L-12800 (DDR3L-1600)	K4B2G0846Q	TS256MSK64W6N 1.35V/1.5V [256Mx8b-x8/256Mx64b,CL=11-11-11]	Pass
14	Hynix	Hynix	1GB	PC3-12800 (DDR3-1600)	H5TQ2G63BFR PBC	HMT312S6BFR6C-PBNO 1.5V [128Mx16b-x4/128Mx64b,CL=11]	Pass
15	Transcend	Micron	8GB	PC3-10600 (DDR3-1333)	1ZD27-D9PBC	TS1GSK64V3H 1.5V [512Mx8b-x16/1024Mx64b,CL=9]	Pass
16	Transcend	Hynix	4GB	PC3-10600 (DDR3-1333)	H5TQ2G83AFR H9C	TS512MSK64V3N 1.5V [256Mx8b/512Mx64b, Timings(Max)=9-9-9-24]	Pass
17	DSL	Hynix	4GB	PC3-10600 (DDR3-1333)	H5TQ2G83BFR H9C	D3SH56082XH15AA 1.5V	Pass

No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
18	Crucial	Micron	4GB	PC3-10600 (DDR3-1333)	ICD77D9LGK	CT51264BC1339.16FR 1.5V [256Mx8b-x16/512Mx64b,CL=9]	Pass
19	Transcend	Hynix	4GB	PC3-10600 (DDR3L-1333)	H5TQ2G83BFR-H9C	TS512MSK64W3N 1.35V/1.5V [256Mx8b-x16/512Mx64b,CL=9]	Pass
20	Transcend	ELPIDA	2GB	PC3-10600 (DDR3-1333)	J1108BFBG-DJ-F	TS256MSK64V3U 1.5V [128Mx8b-*16/256Mx64b,CL=9]	Pass
21	Crucial	Micron	2GB	PC3-10600 (DDR3-1333)	OMD12D9LGK	CT25664BC1339.8FD 1.5V [256Mx8b-x8/256Mx64b,CL=9]	Pass
22	Apacer	SEC	2GB	PC3-10600 (DDR3-1333)	K4B2G0846Q	76.A371G.C2T0C 1.5V [256Mx8b-*8/256Mx64b,CL=9]	Pass
23	Transcend	Hynix	2GB	PC3-10600 (DDR3L-1333)	H5TQ2G83BFR-H9C	TS256MSK64W3N 1.35V/1.5V [256Mx8b-x8/256Mx64b,CL=9]	Pass
24	Transcend	SEC	2GB	PC3L-10600 (DDR3L-1333)	K4B2G0846Q	TS256MSK64W3N 1.35V/1.5V [256Mx8b-x8/256Mx64b,CL=9]	Pass
25	Crucial	Micron	1GB	PC3-10600 (DDR3-1333)	0NDI2-D9LGQ	CT12864BC1339.4FD 1.5V [128Mx16b-x4/128Mx64b,CL=9]	Pass
26	Transcend	Hynix	4GB	PC3-8500 (DDR3-1066)	H5TQ2G83AFRH9C	TS512MSK64V1N 1.5V [256Mx8b/512Mx64b,CL=7-7-7-20]	Pass
27	Kingston	ELPIDA	4GB	PC3-8500 (DDR3-1066)	J2108BASE-DJ-F	KVR1066D3S7/4G 1.5V [128Mx8bits/128Mx64bits,CL=7]	Pass
28	Apacer	Apacer	2GB	PC3-8500 (DDR3-1066)	AM5D5808MIJSBG 1.5V	AM5D5808MIJSBG 1.5V	Pass
29	Transcend	ELPIDA	2GB	PC3-8500 (DDR3-1066)	J1108BASE-AE-E	TS256MSK64V1U 1.5V±0.75 [128Mx8bits/256Mx64bits,CL=7]	Pass
30	Kingston	ELPIDA	2GB	PC3-8500 (DDR3-1066)	J1108BABG-DJ-E	KVR1066D3S7/2G 1.5V [128Mx8bits/256Mx64bits,CL=7-7-7-20]	Pass
31	SILICON	S-POWER	2GB	PC3-8500 (DDR3-1066)	IOYT3NO	SP002GBSTU106S02 1.5V [128Mx8b/256Mx64b,CL=7-7-7-20]	Pass
32	Transcend	SEC	1GB	PC3-8500 (DDR3-1066)	K4B1G0846D	TS128MSK64V1U 1.5V±0.75 [128Mx8bits/128Mx64bits,CL=6,7,8]	Pass

1.3 DDR3 SO-DIMM Test Procedures:

Procedure:

- (1) Install O.S.**
- (2) Check Memory information & specification with CPU-Z.**
- (3) Run Passmark Performance Test 8.0 Build1027 - 1 time.**
- (4) Run AIDA64 Cache and Memory Benchmark Ver.4.50.3000 - 1 time.**
- (5) Run 3DMark for Windows Ver.1.3.708 BenchMark - 3 times.**
- (6) Run S3/S4/S5 - 3 times.**

No.	DDR3 Module	Test Environment	Result
1	Transcend (TS1GSK64V6H 1.5V) [512Mx8b-x16/1024Mx64b,CL=11] / Micron (1ZD27-D9PBC) / PC3-12800 (DDR3-1600) / 8GB *2	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i5-4670T (Haswell/C0-SR14P) / 2.3GHz DIMM Slot: DIMM-1/2 (Dual channel) SSD: Silicon Power / SP120GBSS3V60S25 SATA3 120GB/2.5" Display: On Board DVD-RW: Asus / SDRW-08D2S-U/BLK/G/AS USB2.0 Power: EDAC / EA11001E-120 O.S.: Windows 8 Enterprise 64Bit (English) Test Summary: Environment Temp.:30°C CPU Temp.:45°C CPU Temp. after 3DMark:47°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:5652 Memory Mark:2358 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:23922MB/s WRITE:24964MB/s COPY:22563MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:5386 Ice Storm:32652 Skydiver:2807 Strike Test:701	Pass

<p>2</p>	<p>Apacer (75.C93DL.G000C 1.35V/1.5V) [512Mx8b-x16/1024Mx64b,CL=11] / Micron (2ED27-D9PCP) / PC3-12800 (DDR3L-1600) / 8GB *2</p>	<p>M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i3-4350T (Haswell/C0-SR1PA) / 3.1GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: WD / WD1200BEVS SATA NCQ 120GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-231DW 18X SATA Power: EDAC / EA11001E-120 O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: Environment Temp.:28°C CPU Temp.:40°C CPU Temp. after 3DMark:43°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:4779 Memory Mark:2379 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:32304MB/s WRITE:25024MB/s COPY:123431MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:4790 Ice Storm:21228 Skydiver:2310 Strike Test:569</p>	<p>Pass</p>
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No.	DDR3 Module	Test Environment	Result
3	Crucial (CT102464BF160B.16FDD (MT16KTF1G64HZ-1G6D1) 1.35V/1.5V) [512Mx8b-x16/1024Mx64b, CL=11-11-11-30] / Micron (2RD27D9PCP) / PC3-12800 (DDR3L-1600) / 8GB *2	M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Celeron G1820 (Haswell/C0-SR1CN) / 2.7GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 8 Enterprise 64Bit (English) Test Summary: Environment Temp.:28°C CPU Temp.:29°C CPU Temp. after 3DMark:30°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:3050 Memory Mark:2132 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:19155MB/s WRITE:20700MB/s COPY:17590MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3259 Ice Storm:23110 Skydiver:1671 Strike Test:392	Pass

4	<p>Transcend (TS1GSK64W6H 1.35V/1.5V) [512Mx8b-x16/1Gx64b,CL=11-11-11] / SEC (K4B4G0846D) / PC3L-12800 (DDR3L-1600) / 8GB *2</p>	<p>M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i5-4670S (Haswell/C0-SR14K) / 3.1GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: Environment Temp.:28°C CPU Temp.:38°C CPU Temp. after 3DMark:44°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:7013 Memory Mark:2539 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:24066MB/s WRITE:25052MB/s COPY:23588MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3761 Ice Storm:34931 Skydiver:3425 Strike Test:831</p>	Pass
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No.	DDR3 Module	Test Environment	Result
5	ADATA (SU3S1600C4G11-B 1.5V) [256Mx8b-x16/512Mx64b,CL=11] / ELPIDA (J2108BCSE-GN-F) / PC3-12800 (DDR3-1600) / 4GB *2	M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i5-4570TE (Haswell/C0-SR17Z) / 2.7GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Pioneer / DVR-XT11T USB2.0 Power: EDAC / EA11001F-190 O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:4160 Memory Mark:2097 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:21787MB/s WRITE:24926MB/s COPY:22813MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:4023 Ice Storm:20285 Skydiver:1917 Strike Test:498	Pass

6	<p>INNODISK (M3SP-4GMJDLOC-M 1.35V/1.5V) [256Mx8b-x16/512Mx64b,CL=9] / Micron (1XM77-D9PFJ) / PC3-12800 (DDR3L-1600) / 4GB *2</p>	<p>M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i3-4340TE (Haswell/C0-SR1T5) / 2.6GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 8 Enterprise 64Bit (English) Test Summary: Environment Temp.:27°C CPU Temp.:29°C CPU Temp. after 3DMark:29.5°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:4103 Memory Mark:2064 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:20987MB/s WRITE:25066MB/s COPY:22705MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3771 Ice Storm:21544 Skydiver:1888 Strike Test:461</p>	Pass
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No.	DDR3 Module	Test Environment	Result
7	Apacer (75.B83DL.G000C 1.35V/1.5V) [256Mx8b-x16/512Mx64b,CL=11] / Micron (2DM77-D9PFJ) / PC3-12800 (DDR3L-1600) / 4GB *2	M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i3-4360 (Haswell/C0-SR1PC) / 3.7GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 8 Enterprise 64Bit (English) Test Summary: Environment Temp.:28°C CPU Temp.:29°C CPU Temp. after 3DMark:31°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:5714 Memory Mark:2488 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:23331MB/s WRITE:25095MB/s COPY:23091MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:6147 Ice Storm:33826 Skydiver:3192 Strike Test:794	Pass

8	<p>Crucial (CT51264BF160B.16FMR (MT16KTF51264HZ-1G6M1) 1.35V/1.5V) [256Mx8b-x16/512Mx64b,CL=11-11-11-30] / Micron (2RM77D9PFJ) / PC3-12800 (DDR3L-1600) / 4GB *2</p>	<p>M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i3-4330TE (Haswell/C0-SR180) / 2.4GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:3654 Memory Mark:1982 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:21276MB/s WRITE:24928MB/s COPY:22740MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:4070 Ice Storm:22008 Skydiver:2093 Strike Test:519</p>	Pass

No.	DDR3 Module	Test Environment	Result
9	Transcend (TS512MSK64W6H 1.35V/1.5V) [512Mx8b-x8/512Mx64b,CL=11-11-11] / SEC (K4B4G0846D) / PC3L-12800(DDR3L-1600) / 4GB *2	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i5-4570S (Haswell/H3-QE74) / 2.9GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: WD / WD1200BEVS SATA NCQ 120GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-231DW 18X SATA Power: Adapter Tech / STD-12090 O.S.: Windows 8 Enterprise 64Bit (English) Test Summary: Environment Temp.:28°C CPU Temp.:40°C CPU Temp. after 3DMark:48°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:6895 Memory Mark:2292 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:23140MB/s WRITE:23512MB/s COPY:20798MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:6359 Ice Storm:38759 Skydiver:3228 Strike Test:789	Pass

10	<p>Hynix (HMT325S6BFR8C-PBNO 1.5V) [256Mx8b-x8/256Mx64b,CL=11] / Hynix (H5TQ2G83BFR PBC) / PC3-12800 (DDR3-1600) / 2GB *2</p>	<p>M/B: HD171-H81N Rev.1 (011) (BSE300400007)</p> <p>M/B BIOS: AMI-Aptio 08/01/2014</p> <p>M/B Driver: Demo Aug/11/2014</p> <p>CPU: Intel / Core i7-4765T (Haswell/C0-SR14Q) / 2.0GHz</p> <p>DIMM Slot: DIMM-1/2 (Dual channel)</p> <p>SSD: Silicon Power / SP120GBSS3V60S25 SATA3 120GB/2.5"</p> <p>Display: On Board</p> <p>DVD-ROM: Pioneer / DVD-231DW 18X SATA</p> <p>Power: EDAC / EA11001E-120</p> <p>O.S.: Windows 8 Enterprise 32Bit (English)</p> <p>Test Summary: Environment Temp.:26℃</p> <p>CPU Temp.:50℃</p> <p>CPU Temp. after 3DMark:51℃</p> <p>1.Passmark Performance Test 8.0 Build1027</p> <p>CPU Mark:4844</p> <p>Memory Mark:1479</p> <p>2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000</p> <p>READ:23110MB/s</p> <p>WRITE:23170MB/s</p> <p>COPY:20642MB/s</p> <p>3.3DMark for Windows Ver.1.3.708</p> <p>Cloud Gate:5048</p> <p>Ice Storm:26408</p> <p>Skydiver:2360</p> <p>Strike Test:575</p>	Pass
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No.	DDR3 Module	Test Environment	Result
11	ADATA (EL74C1B08 10281590 1.5V) [256Mx8b-x8/256Mx64b,CL=11-11-11] / ELPIDA (J2108BCSE-GN-F) / PC3-12800 (DDR3-1600) / 2GB *1	M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/C0-SR17Y) / 2.3GHz DIMM Slot: DIMM-2 (Single channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Archgon / MD-3107-U3 USB3.0 Blu-Ray Power: EDAC / EA11001F-190 O.S.: Windows 8 Enterprise 32Bit (English) Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:4971 Memory Mark:1115 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:12215MB/s WRITE:12117MB/s COPY:11693MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:4915 Ice Storm:27019 Skydiver:2407 Strike Test:521	Pass

12	<p>Transcend (JJM11660000KSN--22G 1.5V) [256Mx8b-x8/256Mx64b,CL=11] / Transcend (TK483PCW3-T1125) / PC3-12800 (DDR3-1600) / 2GB *2</p>	<p>M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Celeron G1820 (Haswell/C0-SR1CN) / 2.7GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: WD / WD1200BEVS SATA1 NCQ 120GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-231DW 18X SATA Power: EDAC / EA11001E-120 O.S.: Windows 8 Enterprise 32Bit (English) Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:2258 Memory Mark:1465 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:18564MB/s WRITE:19907MB/s COPY:15848MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3192 Ice Storm:23856 Skydiver:1661 Strike Test:384</p>	Pass
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No.	DDR3 Module	Test Environment	Result
13	Transcend (TS256MSK64W6N 1.35V/1.5V) [256Mx8b-x8/256Mx64b,CL=11-11-11] / SEC (K4B2G0846Q) / PC3L-12800 (DDR3L-1600) / 2GB *2	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i5-4670S (Haswell/C0-SR14K) / 3.1GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: WD / WD1200BEVS SATA NCQ 120GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-231DW 18X SATA Power: Adapter Tech / STD-12090 O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:5297 Memory Mark:1685 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:23386MB/s WRITE:23663MB/s COPY:21438MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:6559 Ice Storm:35508 Skydiver:3354 Strike Test:795	Pass

14	<p>Hynix (HMT312S6BFR6C-PBNO 1.5V) [128Mx16b-x4/128Mx64b,CL=11] / Hynix (H5TQ2G63BFR PBC) / PC3-12800 (DDR3-1600) / 1GB *2</p>	<p>M/B: HD171-H81N Rev.1 (011) (BSE300400007)</p> <p>M/B BIOS: AMI-Aptio 08/01/2014</p> <p>M/B Driver: Demo Aug/11/2014</p> <p>CPU: Intel / Core i7-4770TE (Haswell/C0-SR183) / 2.3GHz</p> <p>DIMM Slot: DIMM-1/2 (Dual channel)</p> <p>SATA HDD: Hitachi / HDT721010SLA360 SATA2 NCQ 1TB/7200RPM</p> <p>Display: On Board</p> <p>DVD-ROM: Pioneer / DVD-231DW 18X SATA</p> <p>Power: EDAC / EA11001E-120</p> <p>O.S.: Windows 8 Enterprise 32Bit (English)</p> <p>Test Summary: Environment Temp.:27°C</p> <p>CPU Temp.:29°C</p> <p>CPU Temp. after 3DMark:32°C</p> <p>1.Passmark Performance Test 8.0 Build1027</p> <p>CPU Mark:5189</p> <p>Memory Mark:1284</p> <p>2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000</p> <p>READ:23469MB/s</p> <p>WRITE:23895MB/s</p> <p>COPY:21409MB/s</p> <p>3.3DMark for Windows Ver.1.3.708</p> <p>Cloud Gate:5820</p> <p>Ice Storm:30645</p> <p>Skydiver:2764</p> <p>Strike Test:643</p>	Pass
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No.	DDR3 Module	Test Environment	Result
15	Transcend (TS1GSK64V3H 1.5V) [512Mx8b-x16/1024Mx64b,CL=9] / Micron (1ZD27-D9PBC) / PC3-10600 (DDR3-1333) / 8GB *2	M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i7-4765T (Haswell/C0-SR14Q) / 2.0GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 8 Enterprise 64Bit (English) Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:6291 Memory Mark:2081 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:20065MB/s WRITE:20779MB/s COPY:19883MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:4886 Ice Storm:23942 Skydiver:2229 Strike Test:557 Overnight looping under 10 hours	Pass

	<p>M/B: HD171-H81N Rev.1 (011) (BSE300400007)</p> <p>M/B BIOS: AMI-Aptio 08/01/2014</p> <p>M/B Driver: Demo Aug/11/2014</p> <p>CPU: Intel / Core i7-4770S (Haswell/C0-SR14H) / 3.1GHz</p> <p>DIMM Slot: DIMM-1/2 (Dual channel)</p> <p>SATA HDD: WD / WD1200BEVS SATA NCQ 120GB/5400RPM/2.5"</p> <p>Display: On Board</p> <p>DVD-ROM: Pioneer / DVD-231DW 18X SATA</p> <p>Power: Adapter Tech / STD-12090</p> <p>O.S.: Windows 7 Ultimate 64Bit (English) & SP1</p> <p>Test Summary: Environment Temp.:28°C</p> <p>CPU Temp.:40°C</p> <p>CPU Temp. after 3DMark:41°C</p> <p>1.Passmark Performance Test 8.0 Build1027</p> <p>CPU Mark:9055</p> <p>Memory Mark:2414</p> <p>2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000</p> <p>READ:23350MB/s</p> <p>WRITE:25100MB/s</p> <p>COPY:23570MB/s</p> <p>3.3DMark for Windows Ver.1.3.708</p> <p>Cloud Gate:7353</p> <p>Ice Storm:34325</p> <p>Skydiver:3424</p> <p>Strike Test:816</p>	<p>Pass</p>
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No.	DDR3 Module	Test Environment	Result
		M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i7-4770S (Haswell/C0-SR14H) / 3.1GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: Environment Temp.:28°C CPU Temp.:38°C CPU Temp. after 3DMark:41°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:9053 Memory Mark:2415 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:23350MB/s WRITE:25100MB/s COPY:23570MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:7337 Ice Storm:33106 Skydiver:3432 Strike Test:820	Pass

16	<p>Transcend (TS512MSK64V3N 1.5V) [256Mx8b/512Mx64b, Timings(Max)=9-9-9-24] /</p> <p>Hynix (H5TQ2G83AFR H9C) /</p> <p>PC3-10600 (DDR3-1333) /</p> <p>4GB *1</p>	<p>M/B: HD173 IBM Rev.1 (011) (BSE300600009)</p> <p>M/B BIOS: AMI-Aptio 08/01/2014</p> <p>M/B Driver: Demo Aug/11/2014</p> <p>CPU: Intel / Core i3-4330 (Haswell/C0-SR1NM) / 3.5GHz</p> <p>DIMM Slot: DIMM-1 (Single channel)</p> <p>SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM</p> <p>Display: On Board</p> <p>DVD-RW: Archgon / MD-3107-U3 USB3.0 Blu-Ray</p> <p>Power: EDAC / EA11001F-190</p> <p>O.S.: Windows 8 Enterprise 64Bit (English)</p> <p>Test Summary: 1.Passmark Performance Test 8.0 Build1027</p> <p style="padding-left: 40px;">CPU Mark:5213</p> <p style="padding-left: 40px;">Memory Mark:1536</p> <p>2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000</p> <p style="padding-left: 40px;">READ:10408MB/s</p> <p style="padding-left: 40px;">WRITE:10451MB/s</p> <p style="padding-left: 40px;">COPY:10473MB/s</p> <p>3.3DMark for Windows Ver.1.3.708</p> <p style="padding-left: 40px;">Cloud Gate:4851</p> <p style="padding-left: 40px;">Ice Storm:28309</p> <p style="padding-left: 40px;">Skydiver:2679</p> <p style="padding-left: 40px;">Strike Test:606</p>	Pass
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No.	DDR3 Module	Test Environment	Result
17	DSL (D3SH56082XH15AA 1.5V) / Hynix (H5TQ2G83BFR H9C) / PC3-10600 (DDR3-1333) / 4GB *1	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i5-4570TE (Haswell/C0-SR17Z) / 2.7GHz DIMM Slot: DIMM-1 (Single channel) SATA HDD: WD / WD1200BEVS SATA NCQ 120GB/5400RPM/2.5" Display: On Board DVD-RW: Asus / SDRW-08D2S-U/BLK/G/AS USB2.0 Power: EDAC / EA11001E-120 O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: Environment Temp.:28°C CPU Temp.:29°C CPU Temp. after 3DMark:31°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:4201 Memory Mark:1413 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:10291MB/s WRITE:10432MB/s COPY:10370MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3949 Ice Storm:19315 Skydiver:1957 Strike Test:471	Pass

18	<p>Crucial (CT51264BC1339.16FR 1.5V) [256Mx8b-x16/512Mx64b,CL=9] / Micron (ICD77D9LGK) / PC3-10600 (DDR3-1333) / 4GB *2</p>	<p>M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Celeron G1820TE (Haswell/C0-SR1T6) / 2.2GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 8 Enterprise 64Bit (English) Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:2539 Memory Mark:1816 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:1760MB/s WRITE:18158MB/s COPY:16505MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:2612 Ice Storm:17780 Skydiver:1358 Strike Test:311 Overnight looping under 11 hours</p>	Pass
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No.	DDR3 Module	Test Environment	Result
19	Transcend (TS512MSK64W3N 1.35V/1.5V) [256Mx8b-x16/512Mx64b,CL=9] / Hynix (H5TQ2G83BFR-H9C) / PC3-10600 (DDR3L-1333) / 4GB *2	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i3-4340TE (Haswell/C0-SR1T5) / 2.6GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: WD / WD1200BEVS SATA NCQ 120GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-231DW 18X SATA Power: EDAC / EA11001E-120 O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:4057 Memory Mark:1949 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:18728MB/s WRITE:20877MB/s COPY:19683MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3974 Ice Storm:19280 Skydiver:1929 Strike Test:467	Pass

20	<p>Transcend (TS256MSK64V3U 1.5V) [128Mx8b-*16/256Mx64b,CL=9] / ELPIDA (J1108BFBG-DJ-F) / PC3-10600 (DDR3-1333) / 2GB *2</p>	<p>M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i7-4770TE (Haswell/C0-SR183) / 2.3GHz DIMM Slot: DIMM-1/2 (Dual channel) SSD: Crucial / CT120M500SSD1 SATA3 120GB/2.5" Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:5118 Memory Mark:1446 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:20326MB/s WRITE:20821MB/s COPY:20097MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3949 Ice Storm:19315 Skydiver:1957 Strike Test:471</p>	Pass
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No.	DDR3 Module	Test Environment	Result
21	Crucial (CT25664BC1339.8FD 1.5V) [256Mx8b-x8/256Mx64b,CL=9] / Micron (OMD12D9LGK) / PC3-10600 (DDR3-1333) / 2GB *1	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Celeron G1820TE (Haswell/C0-SR1T6) / 2.2GHz DIMM Slot: DIMM-2 (Single channel) SATA HDD: WD / WD1200BEVS SATA NCQ 120GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-231DW 18X SATA Power: EDAC / EA11001E-120 O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: Environment Temp.:27°C CPU Temp.:29°C CPU Temp. after 3DMark:30°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:1809 Memory Mark:954 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:10012MB/s WRITE:10053MB/s COPY:8730MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:2560 Ice Storm:16153 Skydiver:1352 Strike Test:301	Pass

22	Apacer (76.A371G.C2T0C 1.5V) [256Mx8b-*8/256Mx64b,CL=9] / SEC (K4B2G0846Q) / PC3-10600 (DDR3-1333) / 2GB *2	M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Pentium-G3420 (Haswell/C0-SR1NB) / 3.2GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Archgon / MD-3107-U3 USB3.0 Blu-Ray Power: EDAC / EA11001F-190 O.S.: Windows 8 Enterprise 32Bit (English) Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:2711 Memory Mark:1595 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:18757MB/s WRITE:19928MB/s COPY:16260MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3472 Ice Storm:24582 Skydiver:1748 Strike Test:408	Pass

No.	DDR3 Module	Test Environment	Result
23	Transcend (TS256MSK64W3N 1.35V/1.5V) [256Mx8b-x8/256Mx64b,CL=9] / Hynix (H5TQ2G83BFR-H9C) / PC3-10600 (DDR3L-1333) / 2GB *2	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i3-4330TE (Haswell/C0-SR180) / 2.4GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: WD / WD1200BEVS SATA NCQ 120GB/5400RPM/2.5" Display: On Board DVD-ROM: Pioneer / DVD-231DW 18X SATA Power: EDAC / EA11001E-120 O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: Environment Temp.:29°C CPU Temp.:37°C CPU Temp. after 3DMark:50°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:2606 Memory Mark:1333 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:18899MB/s WRITE:19842MB/s COPY:17994MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3834 Ice Storm:18520 Skydiver:1981 Strike Test:470	Pass

24	<p>Transcend (TS256MSK64W3N 1.35V/1.5V) [256Mx8b-x8/256Mx64b,CL=9] / SEC (K4B2G0846Q) / PC3-10600 (DDR3L-1333) / 2GB *2</p>	<p>M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i5-4570S (Haswell/H3-QE74) / 2.9GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 8 Enterprise 32Bit (English) Test Summary: Environment Temp.:29℃ CPU Temp.:44℃ CPU Temp. after 3DMark:46℃ 1.Passmark Performance Test 8.0 Build1027 CPU Mark:5077 Memory Mark:21607 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:19669MB/s WRITE:19787MB/s COPY:18023MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:5940 Ice Storm:36548 Skydiver:3142 Strike Test:762</p>	Pass
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No.	DDR3 Module	Test Environment	Result
25	Crucial (CT12864BC1339.4FD 1.5V) [128Mx16b-x4/128Mx64b,CL=9] / Micron (0NDI2-D9LGQ) / PC3-10600 (DDR3-1333) / 1GB *2	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i3-4330 (Haswell/C0-SR1NM) / 3.5GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Hitachi / HDT721010SLA360 SATA2 NCQ 1TB/7200RPM Display: On Board DVD-RW: Pioneer / DVR-XT11T USB2.0 Power: EDAC / EA11001E-120 O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: Environment Temp.:27°C CPU Temp.:34°C CPU Temp. after 3DMark:35°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:3820 Memory Mark:1311 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:29142MB/s WRITE:20088MB/s COPY:18767MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:5677 Ice Storm:28077 Skydiver:3043 Strike Test:632	Pass

26	<p>Transcend (TS512MSK64V1N 1.5V) [256Mx8b/512Mx64b,CL=7-7-7-20] / Hynix (H5TQ2G83AFRH9C) / PC3-8500 (DDR3-1066) / 4GB *1</p>	<p>M/B: HD173 IBM Rev.1 (011) (BSE300600009)</p> <p>M/B BIOS: AMI-Aptio 08/01/2014</p> <p>M/B Driver: Demo Aug/11/2014</p> <p>CPU: Intel / Core i5-4670T (Haswell/C0-SR14P) / 2.3GHz</p> <p>DIMM Slot: DIMM-2 (Single channel)</p> <p>SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM</p> <p>Display: On Board</p> <p>DVD-RW: Pioneer / DVR-XT11T USB2.0</p> <p>Power: EDAC / EA11001F-190</p> <p>O.S.: Windows 7 Ultimate 64Bit (English) & SP1</p> <p>Test Summary: 1.Passmark Performance Test 8.0 Build1027</p> <p style="padding-left: 40px;">CPU Mark:5513</p> <p style="padding-left: 40px;">Memory Mark:1233</p> <p>2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000</p> <p style="padding-left: 40px;">READ:8245MB/s</p> <p style="padding-left: 40px;">WRITE:8262MB/s</p> <p style="padding-left: 40px;">COPY:7637MB/s</p> <p>3.3DMark for Windows Ver.1.3.708</p> <p style="padding-left: 40px;">Cloud Gate:4412</p> <p style="padding-left: 40px;">Ice Storm:21861</p> <p style="padding-left: 40px;">Skydiver:2337</p> <p style="padding-left: 40px;">Strike Test:520</p>	Pass
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No.	DDR3 Module	Test Environment	Result
27	Kingston (KVR1066D3S7/4G 1.5V) [128Mx8bits/128Mx64bits,CL=7] / ELPIDA (J2108BASE-DJ-F) / PC3-8500 (DDR3-1066) / 4GB *2	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Xeon Processor E3-1268L V3 (Haswell/C0-SR17Y) / 2.3GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Hitachi / HDT721010SLA360 SATA2 NCQ 1TB/7200RPM Display: On Board DVD-RW: Pioneer / DVR-XT11T USB2.0 Power: EDAC / EA11001E-120 O.S.: Windows 7 Ultimate 64Bit (English) & SP1 Test Summary: Environment Temp.:28°C CPU Temp.:30°C CPU Temp. after 3DMark:32°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:6965 Memory Mark:1905 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:13602MB/s WRITE:16664MB/s COPY:16301MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:5751 Ice Storm:27988 Skydiver:2681 Strike Test:653	Pass

28	<p>Apacer (AM5D5808MIJSBG 1.5V) / Apacer (AM5D5808MIJSBG 1.5V) / PC3-8500 (DDR3-1066) / 2GB *1</p>	<p>M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Pentium-G3420 (Haswell/C0-SR1NB) / 3.2GHz DIMM Slot: DIMM-1 (Single channel) SATA HDD: Hitachi / HDT721010SLA360 SATA2 NCQ 1TB/7200RPM Display: On Board DVD-RW: Asus / SDRW-08D2S-U/BLK/G/AS USB2.0 Power: EDAC / EA11001E-120 O.S.: Windows 8 Enterprise 32Bit (English) Test Summary: Environment Temp.:27°C CPU Temp.:28°C CPU Temp. after 3DMark:32°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:2668 Memory Mark:1067 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:8308MB/s WRITE:8296MB/s COPY:7761MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:3112 Ice Storm:22134 Skydiver:1587 Strike Test:364</p>	Pass
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No.	DDR3 Module	Test Environment	Result
29	Transcend (TS256MSK64V1U 1.5V±0.75) [128Mx8bits/256Mx64bits,CL=7] / ELPIDA (J1108BASE-AE-E) / PC3-8500 (DDR3-1066) / 2GB *2	M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i3-4350T (Haswell/C0-SR1PA) / 3.1GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Lite-On / iHAS324-U32D SATA Power: EDAC / EA11001F-190 O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:3431 Memory Mark:1438 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:15859MB/s WRITE:16611MB/s COPY:16069MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:4513 Ice Storm:22681 Skydiver:2227 Strike Test:537	Pass

30	<p>Kingston (KVR1066D3S7/2G 1.5V) [128Mx8bits/256Mx64bits,CL=7-7-7-20] / ELPIDA (J1108BABG-DJ-E) / PC3-8500 (DDR3-1066) / 2GB *2</p>	<p>M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Core i3-4360 (Haswell/C0-SR1PC) / 3.7GHz DIMM Slot: DIMM-1/2 (Dual channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-ROM: Pioneer / DVD-231DW 18X SATA Power: Adapter Tech / STD-12090 O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:4024 Memory Mark:1581 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:15931MB/s WRITE:16668MB/s COPY:16086MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:5790 Ice Storm:30701 Skydiver:3051 Strike Test:707</p>	Pass
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31	<p>SILICON (SP002GBSTU106S02 1.5V) [128Mx8b/256Mx64b,CL=7-7-7-20] / S-POWER (IOYT3NO) / PC3-8500 (DDR3-1066) / 2GB *1</p>	<p>M/B: HD173 IBM Rev.1 (011) (BSE300600009) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Pentium-G3320TE (Haswell/C0-SR181) / 2.3GHz DIMM Slot: DIMM-1 (Single channel) SATA HDD: Seagate / ST3750640SV SATA2 NCQ 750GB/7200RPM Display: On Board DVD-RW: Archgon / MD-3107-U3 USB3.0 Blu-Ray Power: EDAC / EA11001F-190 O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: 1.Passmark Performance Test 8.0 Build1027 CPU Mark:1953 Memory Mark:914 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:8178MB/s WRITE:8337MB/s COPY:7704MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:2582 Ice Storm:15716 Skydiver:1382 Strike Test:313</p>	Pass
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No.	DDR3 Module	Test Environment	Result
32	Transcend (TS128MSK64V1U 1.5V±0.75) [128Mx8bits/128Mx64bits,CL=6,7,8] / SEC (K4B1G0846D) / PC3-8500 (DDR3-1066) / 1GB *2	M/B: HD171-H81N Rev.1 (011) (BSE300400007) M/B BIOS: AMI-Aptio 08/01/2014 M/B Driver: Demo Aug/11/2014 CPU: Intel / Pentium-G3320TE (Haswell/C0-SR181) / 2.3GHz DIMM Slot: DIMM-1/2 (Dual channel) SSD: Silicon Power / SP120GBSS3V60S25 SATA3 120GB/2.5" Display: On Board DVD-RW: Asus / SDRW-08D2S-U/BLK/G/AS USB2.0 Power: EDAC / EA11001E-120 O.S.: Windows 7 Ultimate 32Bit (English) & SP1 Test Summary: Environment Temp.:27°C CPU Temp.:28°C CPU Temp. after 3DMark:29°C 1.Passmark Performance Test 8.0 Build1027 CPU Mark:1962 Memory Mark:1083 2.AIDA64 Cache and Memory Benchmark Ver.4.50.3000 READ:15682MB/s WRITE:16197MB/s COPY:13421MB/s 3.3DMark for Windows Ver.1.3.708 Cloud Gate:2865 Ice Storm:18525 Skydiver:1527 Strike Test:348	Pass