

### **3. Stability Test: Rev.021**

#### **3.1 CPU Test:**

**Procedure:**

- (1) Install O.S.
- (2) Check CPU information & specification with CPU-Z.
- (3) Run AIDA64 Cache and Memory Benchmark Ver.4.70.3200 - 1 time.
- (4) Run Passmark Performance Test 8.0 Build1040 - 1 time.
- (5) Run 3DMark for Windows Ver.1.4.780 BenchMark - 3 times.
- (6) Run S3/S4/S5 - 3 times.

No.	CPU	Type	CPU Temp.	Result
<b>1</b>	Intel / 3.2GHz	Core i7-4790S (Haswell/C0-SR1QM) / 65W / LGA1150	<b>45 °C</b>	<b>Pass</b>

#### **3.2 DDR3 SO-DIMM Test Procedures:**

**Procedure:**

- (1) Install O.S.
- (2) Check Memory information & specification with CPU-Z.
- (3) Run AIDA64 Cache and Memory Benchmark Ver.4.70.3200 - 1 time.
- (4) Run Passmark Performance Test 8.0 Build1040 - 1 time.
- (5) Run 3DMark for Windows Ver.1.4.780 BenchMark - 3 times.
- (6) Run S3/S4/S5 - 3 times.

No.	DDR3 Module	Test Environment	Result
<b>1</b>	Crucial (CT102464BF160B.16FDD (MT16KTF1G64HZ-1G6D1) 1.35V/1.5V) [512Mx8b-x16/1024Mx64b,CL=11-11-11-30] / Micron (2RD27D9PCP) / PC3L-12800 (DDR3L-1600) / 8GB *2	M/B: HD263-H81DT Rev.2 (022) M/B BIOS: AMI-Aptio 10/28/2014 M/B Driver: Demo Dec/01/2014 CPU: Intel / Core i7-4790S (Haswell/C0-SR1QM) / 3.2GHz CPU Cooler: CHASSIS TOP COVER AL6063 T5 Andizing (A31-027026-200G) DIMM Slot: DIMM-1/2 (Dual channel) SSD: Intel / SSDSC2CW060A3K5 SATA3 60GB/2.5" Display: On Board DVD-RW: Asus / SDRW-08D2S-U USB2.0 Riser Card: XCT3-4C2U1F1A Rev.2 (022) H320-4P1E Rev.3 (032) System: EC541-HD6860 Rev.021 (ND4605109/ASE470200001) Power: FSP / FSP120-1ADE21 O.S.: Windows 8 Enterprise 64Bit (English) Test Summary: 1.AIDA64 Cache and Memory Benchmark Ver.4.70.3200 READ:20249 MB/s WRITE:20841 MB/s COPY:20211 MB/s 2.Passmark PerformanceTest 8.0 Build 1040 CPU Mark:9255 Memory Mark:2586 3.3DMark for Windows Ver.1.4.780 Cloud Gate:7445 Ice Storm:39181 Sky Diver:3495 Strike Test:860	<b>Pass</b>