

M/B Model: **H81M-C R2.0**
 PCB Revision : **1.00**
 M/B SB :
 M/B NB :
 BIOS Version: **0301**
 CPU Type : **Haswell 1150**
 Test Type: **Phase1**
 BIOS Setting: **(CPU and DDR) Default**
 Date Start: **2014.2.25**
 Date Finish: **2014.2.28**
 Test Engineer: **劉雲**

CPU QVL Criteria:

1. Test Program: Overnight 3DMark06/11, Sleeper, Reboot.
2. Must install all latest BIOS for system and install Windows 7 SP1 64Bit En.
3. **Phase1** Test: CPU are mainstream, high-grade and marketable.
4. **Phase2** Test: CPU are sample and low-grade.
5. If any cpu fail in **Phase1**, set the bug priority to **Stopper** in QT Bugman system.

(Overnight test)		(Half-hour test)			
Total	3Dmark11	Total	3Dmark11	Sleeper(S3)	Reboot3.0
Total Testing combination	24	Total Testing combination	60	84	84
Pass	24	Pass	60	84	84
Fail	0	Fail	0	0	0
Fail rate	0%	Fail rate	0%	0%	0%

Measurement Note:

1. RD debug fail test items
2. PM is in charge of CPU QVL website and manual update .
3. If bug are more than 1/3 of the cpu we tested, the project must be suspended.

P.S: Please fill in blue color.

N/A: Means do not have to test

(BIOS Information)	
Total	BIOS Information
Total	84
Pass	84
Fail	0
Fail rate	0%

Pass Fail

means Overnight test

means every program tests about 30 minutes

means could boot int

Qualified Vendors List (CPU QVL) Standard table for user manual

Vendor	CPU Name	Frequency	Code Name	Revision	Smart Cache / Shared Cache	External Frequency	Sspec	TDP	CPU (°C) Temperature	MB No.	DRAM
Intel	i5-4670	3.4GHz	Haswell	C0	6M	100MHz	SR14D	84W	38	0024	KVR1333D3N9/2G(矮版)
Intel	i7-4765T	2.0GHz	Haswell	C0	8M	100MHz	QEHP	35W	36	0008	KVR1333D3N9/2G(矮版)
Intel	i5-4570S	2.9GHz	Haswell	C0	6M	100MHz	SR14J	65W	35	25	KVR1333D3N9/2G(矮版)
Intel	i5-4430	3.0GHz	Haswell	C0	6M	100MHz	SR14G	84W	38	22	KVR1333D3N9/2G(矮版)
Intel	i5-4570T	2.9GHz	Haswell	C0	4M	100MHz	QEHQ	35W	37	11	KVR1333D3N9/4G-SP(矮版)
Intel	i7-4770T	2.5GHz	Haswell	C0	8M	100MHz	QEHM	45W	36	1	KVR1333D3N9/4G-SP(矮版)
Intel	i7-4770S	3.1GHz	Haswell	C0	8M	100MHz	SR14H	65W	38	7	KVR1333D3N9/4G-SP(矮版)
Intel	i7-4770	3.4GHz	Haswell	C0	8M	100MHz	SR149	84W	37	13	KVR1333D3N9/4G-SP(矮版)
Intel	i5-4670S	3.1GHz	Haswell	C0	6M	100MHz	QEHJ	65W	35	18	KVR1333D3S8N9/2G-SP(矮版)
Intel	i5-4570	3.2GHz	Haswell	C0	6M	100MHz	SR14E	84W	39	5	KVR1333D3S8N9/2G-SP(矮版)
Intel	i5-4670T	2.3GHz	Haswell	C0	6M	100MHz	QEHN	45W	38	19	KVR1333D3S8N9/2G-SP(矮版)
Intel	i5-4430S	2.7GHz	Haswell	C0	6M	100MHz	QEHL	65W	35	4	KVR1333D3S8N9/2G-SP(矮版)
Intel	i5-4670K	3.4GHz	Haswell	C0	6M	100MHz	SR14A	84W	37	24	KVR1333D3N9/2G(矮版)
Intel	i7-4770K	3.5GHz	Haswell	C0	8M	100MHz	SR147	84W	39	08	KVR1333D3N9/2G(矮版)
Intel	N/A	2.6GHz	Haswell	C0	4M	100MHz	QECX/QDUW	35W	35	25	KVR1333D3N9/2G(矮版)
Intel	i3-4340	3.6GHz	Haswell	C0	4M	100MHz	SR1HL	54W	35	22	KVR1333D3N9/2G(矮版)
Intel	G3420	3.2GHz	Haswell	C0	3M	100MHz	SR1HB	53W	39	11	KVR1333D3N9/4G-SP(矮版)
Intel	G3220	3.0GHz	Haswell	C0	3M	100MHz	SR1CG	53W	36	1	KVR1333D3N9/4G-SP(矮版)
Intel	G3430	3.3GHz	Haswell	C0	3M	100MHz	SR1CE	53W	39	7	KVR1333D3N9/4G-SP(矮版)
Intel	G3420T	2.7GHz	Haswell	C0	3M	100MHz	QDN7	35W	37	13	KVR1333D3N9/4G-SP(矮版)

Intel	i5-4570T	2.9GHz	Haswell	C0	4M	100MHz	QDN5	35W	35	18	KVR1333D3S8N9/2G-SP(矮版)
Intel	i3-4130T	2.9GHz	Haswell	C0	3M	100MHz	SR1NN	54W	36	5	KVR1333D3S8N9/2G-SP(矮版)
Intel	i3-4330T	3.0GHz	Haswell	C0	4M	100MHz	QEP9	35W	38	19	KVR1333D3S8N9/2G-SP(矮版)
Intel	i3-4130	3.4GHz	Haswell	C0	3M	100MHz	SR1HP	35W	35	4	KVR1333D3S8N9/2G-SP(矮版)
Intel	i3-4330	3.5GHz	Haswell	C0	4M	100MHz	SR1HM	54W	37	24	KVR1333D3N9/2G(矮版)
Intel	G3220T	2.6GHz	Haswell	C0	3M	100MHz	QDN8	35W	39	08	KVR1333D3N9/2G(矮版)
Intel	i5-4440S	2.8GHz	Haswell	C0	6M	100MHz	SR14L	65 W	39	25	KVR1333D3N9/2G(矮版)
Intel	i7-4771	3.5GHz	Haswell	C0	8M	100MHz	SR1BW	84 W	38	22	KVR1333D3N9/2G(矮版)
Intel	i5-4440	3.1GHz	Haswell	C0	6M	100MHz	SR14F	84 W	39	11	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1230V3	3.3GHz	XEON	C0	8M	100MHz	SR153	80W	35	1	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1240V3	3.4GHz	XEON	C0	8M	100MHz	SR152	80W	37	7	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1245V3	3.4GHz	XEON	C0	8M	100MHz	SR14T	84W	38	13	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1220V3	3.1GHz	XEON	C0	8M	100MHz	SR154	80W	36	18	KVR1333D3S8N9/2G-SP(矮版)
Intel	E3-1225V3	3.2GHz	XEON	C0	8M	100MHz	SR14U	84W	35	5	KVR1333D3S8N9/2G-SP(矮版)
Intel	E3-1270V3	3.5GHz	XEON	C0	8M	100MHz	SR151	80W	39	19	KVR1333D3S8N9/2G-SP(矮版)
Intel	E3-1275V3	3.5GHz	XEON	C0	8M	100MHz	SR14S	84W	37	4	KVR1333D3S8N9/2G-SP(矮版)
Intel	E3-1220LV3	1.1GHz	XEON	C0	4M	100MHz	SR1BT	16w	35	24	KVR1333D3N9/2G(矮版)
Intel	G1830	2.8GHz	Haswell	C0	2M	100MHz	QDN3	54W	39	08	KVR1333D3N9/2G(矮版)
Intel	G1820	2.7GHz	Haswell	C0	2M	100MHz	QDN4	54W	39	25	KVR1333D3N9/2G(矮版)
Intel	G1820T	2.4GHz	Haswell	C0	2M	100MHz	QDN9	35W	35	22	KVR1333D3N9/2G(矮版)
Intel	E3-1285V3	3.6GHz	XEON	C0	8M	100MHz	QEEK	84W	37	11	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1285LV3	3.1GHz	XEON	C0	8M	100MHz	QE6F	65W	36	1	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1280V3	3.6GHz	XEON	C0	8M	100MHz	QEFF	82W	36	7	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1265LV3	2.5GHz	XEON	C0	8M	100MHz	QE6M	45W	38	13	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1230LV3	1.8GHz	XEON	C0	8M	100MHz	QEEL	25W	39	18	KVR1333D3S8N9/2G-SP(矮版)
Intel	i5-4460S	2.9GHz	Haswell-R	CO	6M	100MHz	QF4P	65W	35	5	KVR1333D3S8N9/2G-SP(矮版)
Intel	i3-4360	3.7G	Haswell-R	CO	4M	100MHz	QDMY	54W	36	19	KVR1333D3S8N9/2G-SP(矮版)
Intel	i3-4350	3.6G	Haswell-R	CO	4M	100MHz	QER4	54W	39	4	KVR1333D3S8N9/2G-SP(矮版)
Intel	i3-4350T	3.1G	Haswell-R	CO	4M	100MHz	QERS	35W	38	24	KVR1333D3N9/2G(矮版)

Intel	G3450	3.4G	Haswell-R	CO	3M	100MHz	QERA	53W	36	08	KVR1333D3N9/2G(矮版)
Intel	i3-4150T	3.0G	Haswell-R	CO	3M	100MHz	QERV	35W	39	25	KVR1333D3N9/2G(矮版)
Intel	G3440T	2.8G	Haswell-R	CO	3M	100MHz	QERY	35W	35	22	KVR1333D3N9/2G(矮版)
Intel	G1850	2.9G	Haswell-R	CO	2M	100MHz	QER1	53W	36	11	KVR1333D3N9/4G-SP(矮版)
Intel	G3240	3.1G	Haswell-R	CO	3M	100MHz	QERG	53W	39	1	KVR1333D3N9/4G-SP(矮版)
Intel	G1840	2.8G	Haswell-R	CO	2M	100MHz	QER0	53W	37	7	KVR1333D3N9/4G-SP(矮版)
Intel	G3240	3.1G	Haswell-R	CO	3M	100MHz	QF55	53W	39	13	KVR1333D3N9/4G-SP(矮版)
Intel	i7-4790S	3.2G	Haswell-R	CO	8M	100MHz	QF4L	65W	35	18	KVR1333D3S8N9/2G-SP(矮版)
Intel	i7-4785T	2.2G	Haswell-R	CO	8M	100MHz	QF4S	35W	38	5	KVR1333D3S8N9/2G-SP(矮版)
Intel	i5-4590S	3.0G	Haswell-R	CO	6M	100MHz	QF4M	65W	38	19	KVR1333D3S8N9/2G-SP(矮版)
Intel	i5-4590T	2.0G	Haswell-R	CO	6M	100MHz	QFUH	35W	39	4	KVR1333D3S8N9/2G-SP(矮版)
Intel	i5-4590	3.3G	Haswell-R	CO	6M	100MHz	QF4H	84W	35	24	KVR1333D3N9/2G(矮版)
Intel	i5-4460T	1.9G	Haswell-R	CO	6M	100MHz	QFUJ	35W	39	08	KVR1333D3N9/2G(矮版)
Intel	i5-4460	3.2G	Haswell-R	CO	6M	100MHz	QF4J	84W	36	25	KVR1333D3N9/2G(矮版)
Intel	G3440	3.3G	Haswell-R	CO	3M	100MHz	QERD	53W	37	22	KVR1333D3N9/2G(矮版)
Intel	i3-4150	3.5G	Haswell-R	CO	3M	100MHz	QER7	54W	35	11	KVR1333D3N9/4G-SP(矮版)
Intel	i7-4790	3.6G	Haswell-R	CO	8M	100MHz	QF4D	84W	37	1	KVR1333D3N9/4G-SP(矮版)
Intel	i5-4690	3.5G	Haswell-R	CO	6M	100MHz	QF4G	84W	39	7	KVR1333D3N9/4G-SP(矮版)
Intel	i7-4790T	2.7G	Haswell-R	CO	8M	100MHz	QF4Q	45W	38	13	KVR1333D3N9/4G-SP(矮版)
Intel	i5-4690S	3.2G	Haswell-R	CO	6M	100MHz	QF4N	65W	36	18	KVR1333D3S8N9/2G-SP(矮版)
Intel	G3220	3.0G	Haswell-R	CO	3M	100MHz	QF54	53W	39	5	KVR1333D3S8N9/2G-SP(矮版)
Intel	G3240T	2.7G	Haswell-R	CO	3M	100MHz	QES1	35W	35	19	KVR1333D3S8N9/2G-SP(矮版)
Intel	i5-4690T	2.5G	Haswell-R	CO	6M	100MHz	QF4R	45W	36	4	KVR1333D3S8N9/2G-SP(矮版)
Intel	G1840T	2.5G	Haswell-R	CO	2M	100MHz	QES5	35W	39	24	KVR1333D3N9/2G(矮版)
Intel	E3-1281v3	3.7G	Haswell-R	CO	8M	100MHz	QFFJ	80W	35	08	KVR1333D3N9/2G(矮版)
Intel	E3-1271v3	3.6G	Haswell-R	CO	8M	100MHz	QFFK	80W	38	25	KVR1333D3N9/2G(矮版)
Intel	E3-1241v3	3.5G	Haswell-R	CO	8M	100MHz	QFFL	80W	37	22	KVR1333D3N9/2G(矮版)
Intel	E3-1231v3	3.4G	Haswell-R	CO	8M	100MHz	QFFM	80W	36	11	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1240Lv3	2.0G	Haswell-R	CO	8M	100MHz	QFFS	25W	39	1	KVR1333D3N9/4G-SP(矮版)

Intel	E3-1276v3	3.6G	Haswell-R	CO	8M	100MHz	QFF7	84W	35	7	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1286v3	3.7G	Haswell-R	CO	8M	100MHz	QFF8	84W	39	13	KVR1333D3N9/4G-SP(矮版)
Intel	E3-1286Lv3	3.2G	Haswell-R	CO	8M	100MHz	QFF9	65W	35	18	KVR1333D3S8N9/2G-SP(矮版)
Intel	E3-1275Lv3	2.7G	Haswell-R	CO	8M	100MHz	QFZR	45W	38	5	KVR1333D3S8N9/2G-SP(矮版)
Intel	E3-1246v3	3.5G	Haswell-R	CO	8M	100MHz	QFFA	84W	39	19	KVR1333D3S8N9/2G-SP(矮版)
Intel	E3-1226v3	3.3G	Haswell-R	CO	8M	100MHz	QFFB	84W	35	4	KVR1333D3S8N9/2G-SP(矮版)

Power	QVL No.	3Dmark11	Sleeper	Reboot3.0
ANTEC-VP450P-0469-QTC	A01	pass	pass	pass
超霸DELUX多彩科技 1.P.00030080101	A02	pass	pass	pass
Huntkey 航嘉 磐石500	A03	pass	pass	pass
ANTEC-EARTHWATTS-430W	A04	pass	pass	pass
ANTEC-VP450P-0473-QTC	A05	pass	pass	pass
AH 680A	A06	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A07	pass	pass	pass
Huntkey 航嘉 冷静王	A08	pass	pass	pass
金河田-劲霸ATX-S650	A09	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A10	pass	pass	pass
ANTEC-VP450P-0477-QTC	A11	pass	pass	pass
七盟 ST-420BKP-02F	A12	pass	pass	pass
ANTEC-VP450P-0469-QTC	A13	pass	pass	pass
超霸DELUX多彩科技 1.P.00030080101	A14	pass	pass	pass
Huntkey 航嘉 磐石500	A15	pass	pass	pass
ANTEC-EARTHWATTS-430W	A16	pass	pass	pass
ANTEC-VP450P-0473-QTC	A17	pass	pass	pass
AH 680A	A18	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A19	pass	pass	pass
Huntkey 航嘉 冷静王	A20	pass	pass	pass

金河田-劲霸ATX-S650	A21	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A22	pass	pass	pass
ANTEC-VP450P-0477-QTC	A23	pass	pass	pass
七盟 ST-420BKP-02F	A24	pass	pass	pass
ANTEC-VP450P-0469-QTC	A25	pass	pass	pass
超霸DELUX多彩科技 1.P.0003008010	A26	pass	pass	pass
Huntkey 航嘉 磐石500	A27	pass	pass	pass
ANTEC-EARTHWATTS-430W	A28	pass	pass	pass
ANTEC-VP450P-0473-QTC	A29	pass	pass	pass
AH 680A	A30 (No GPU)	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A31 (No GPU)	pass	pass	pass
Huntkey 航嘉 冷静王	A32	pass	pass	pass
金河田-劲霸ATX-S650	A33 (No GPU)	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A34	pass	pass	pass
ANTEC-VP450P-0477-QTC	A35 (No GPU)	pass	pass	pass
七盟 ST-420BKP-02F	A36	PASS	pass	pass
ANTEC-VP450P-0469-QTC	A37 (No GPU)	pass	pass	pass
超霸DELUX多彩科技 1.P.0003008010	A38	pass	pass	pass
Huntkey 航嘉 磐石500	A39	pass	pass	pass
ANTEC-EARTHWATTS-430W	A40	pass	pass	pass
ANTEC-VP450P-0473-QTC	A41	pass	pass	pass
AH 680A	A42	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A43 (No GPU)	pass	pass	pass
Huntkey 航嘉 冷静王	A44	pass	pass	pass
金河田-劲霸ATX-S650	A45 (No GPU)	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A46	pass	pass	pass
ANTEC-VP450P-0477-QTC	A47	pass	pass	pass
七盟 ST-420BKP-02F	A48	pass	pass	pass
ANTEC-VP450P-0469-QTC	A49	pass	pass	pass

超霸DELUX多彩科技 1.P.00030080101	A50	pass	pass	pass
Huntkey 航嘉 磐石500	A51	pass	pass	pass
ANTEC-EARTHWATTS-430W	A52	pass	pass	pass
ANTEC-VP450P-0473-QTC	A53	pass	pass	pass
AH 680A	A54	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A55	pass	pass	pass
Huntkey 航嘉 冷静王	A56	pass	pass	pass
金河田-劲霸ATX-S650	A57	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A58	pass	pass	pass
ANTEC-VP450P-0477-QTC	A59	pass	pass	pass
七盟 ST-420BKP-02F	A60	pass	pass	pass
ANTEC-VP450P-0469-QTC	A61	pass	pass	pass
超霸DELUX多彩科技 1.P.00030080101	A62	pass	pass	pass
Huntkey 航嘉 磐石500	A63	pass	pass	pass
ANTEC-EARTHWATTS-430W	A64	pass	pass	pass
ANTEC-VP450P-0473-QTC	A65	pass	pass	pass
AH 680A	A66	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A67	pass	pass	pass
Huntkey 航嘉 冷静王	A68	pass	pass	pass
金河田-劲霸ATX-S650	A69	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A70	pass	pass	pass
ANTEC-VP450P-0477-QTC	A71	pass	pass	pass
七盟 ST-420BKP-02F	A72	pass	pass	pass
ANTEC-VP450P-0469-QTC	A73	pass	pass	pass
超霸DELUX多彩科技 1.P.00030080101	A74	pass	pass	pass
Huntkey 航嘉 磐石500	A75	pass	pass	pass
ANTEC-EARTHWATTS-430W	A76	pass	pass	pass
ANTEC-VP450P-0473-QTC	A77	pass	pass	pass
AH 680A	A78	pass	pass	pass

ANTEC-EARTHWATTS-500D-500W	A79	pass	pass	pass
Huntkey 航嘉 冷静王	A80	pass	pass	pass
金河田-劲霸ATX-S650	A81	pass	pass	pass
ANTEC-EARTHWATTS-500D-500W	A82	pass	pass	pass
ANTEC-VP450P-0477-QTC	A83	pass	pass	pass
七盟 ST-420BKP-02F	A84	pass	pass	pass