

NBLB2 Key Parts CQM V0.5

4/13/2010

Supplier	Specification/Model	COMPAL P/N	Approval Status
Clarksfiled 4 core CPU (I7-820QM & I7-720QM)			
Intel	IC BY80607002904AK SLBLX B1 1.73G PGA988	AB00000I770	PASS
	IC BY80607002907AH SLBLY B1 1.6G PGA988P	AB00000JR60	PASS
Arrandale 2 core CPU (I5-540M & I5-520M) (New Add on 3/10/2010)			
Intel	IC CP80617004116AD SLBPG C2 2.53G PGA988	AB00000KG70	PASS
	IC CP80617004119AE SLBNB C2 2.4G PGA988P	AB00000KF60	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
PM55 Chipset			
Intel	S IC BD82PM55 SLGWN B2 FCBGA 1071 PCH	SA00003G870	PASS
Intel (New Add on 3/10/2010)	S IC BD82PM55 SLH23 B3 BGA 1071 PCH 030!	SA00003G8E0	PASS
VGA			
AMD	S IC 216-0772000 A11 MADISON PRO 030	SA00003M320	PASS
AMD (New Add on 4/13/2010)	S IC 216-0729042 A13 M96-M2 FCBGA962 0FA	SA00002UQ50	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
RAM			
DDRIII 1066MHz/ 2GB			
Mircon	DDR3 MODU MT16JSF25664HY-1G1D1 2G/1066	PK053001300	PASS
Micron	DDR3 MODU MT16JSF25664HZ-1G1F1 2G/1066	PK053001380	PASS
Hynix	DDR3 MODU HYN HMT125S6BFR8C-G7N0 2G/1066	PK053001070	PASS
DDRIII 1333MHz/ 2GB			
Samsung	DDR3 MODU SAM M471B5673EH1-CH9 2G/1333	PK053002Q00	PASS
Micron (TF)	DDR3 MODU MT16JSF25664HZ-1G4F1 2G/1333	PK053002B10	PASS
Hynix (TG)	DDR3 MODU HYN HMT125S6BFR8C-H9N0 2G/1333	PK053002310	PASS
DDRIII 1066MHz/ 4GB			
Samsung	DDR3 MODU SAM M471B5273BH1-CF8 4G/1066	PK053002F00	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
HDD			
250G 5400rpm SATA			
Hitachi	HTS545025B9A300	DD10000HD60	PASS
320G 5400rpm SATA			
WD	WD3200BEVT-22ZCT0	DD10000DR70	PASS
Seagate	2.75"W .37"H ST9320325AS	DD10000IUE0	PASS
320G 7200rpm SATA			
New Add on 3/10/2010			
HITACHI	HDD 320G .37"H HTS725032A9A364 030	DD10000K180	PASS
500G 5400rpm SATA			
WD	37"H WD5000BEVT-22ZAT0 030	DD10000HOG0	PASS
Hitachi	500G .37"H HTS545050B9A300 030	DD10000HXF0	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
ODD			
Super Multi			
PLDS	DS-8A3S W/ O BEZEL 030	DD600006440	PASS
PLDS	DVDRW DRV 8X .5"H DS-8A4S W/ O BEZEL 030	DD600007080	PASS

QSI	AD-7560S W/O BEZEL 030	DD600004O90	PASS
Panasonic	DVDRW DRV 8X 5"H UJ-890ADAA-A 030	DD600006M20	PASS
HLDS	GT30N	DD600006L70	PASS
SONY	DVDRW DRV AD-7580S WIN7 W/O BEZEL 030	DD600004PO0	PASS
Blue Ray			
SONY	BRDVD_DRV BC-5500H-AR WIN7 W/O BEZEL 030	DD700001640	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
LCD			
HD			
CMO	LCD_LED_M N156B6-L04 15.6" HD G 030 !	AC60000J730	PASS
CPT	LCD_LED_M CLAA156WA11A 15.6" HD G 030 !	AC60000JV10	PASS
LPL	LCD_LED_M LP156WH2-TLE1 15.6" HD G	AC60000J6H0	PASS
FULL HD			
AUO	LCD_LED_M B156HW01 V3 15.6" FHD G 030	AC60000L760	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
AC ADAPTER 90W/3 Pin			
APD	AC ADAP APD NB-90B19-AAA 90W 3PIN	PK10000FQ00	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
POWER CORD			
Linetek(良得)	PWR CORD LP30BX1.8MXLS15 US 3P L	GA050110000	PASS
Linetek(良得)	CORD LP34X1.8MXLS15 EC 3P L	GA020270000	PASS
I-seng(鎰勝)	PWR CORD SP305AX1.8MXIS034 SPT-2 BLK	GA050080000	PASS
I-seng(鎰勝)	PWR CORD SP022X1.8MXIS034 H03 BLK	GA020160000	PASS
WS	PWR CORD WS-001F-2X1.8MXWS-083 3P US W	GA000004510	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
BATTERY			
6 Cell/ 4800mAH			
Sanyo	BATT SA SA 3S2P 4.8AH 7 ZHM 030	GC02000DF00	PASS
Panasonic	BATT PA PA 3S2P 4.8AH ZHM 030	GC020009Z00	PASS
6 Cell/ 5200mAH			
Sanyo	BATT SA SA 3S2P 5.2AH 7 04N 030	GC02000KT00	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
WLAN			
Intel 802.11A/B/G/N			
Intel	W/L CARD 09H 533AN_HMWG 54M	PK29200EP00	PASS
Arcadyan 802.11B/G/N			
ARCADYAN	W/L CARD 08M FI6CP7822001J 300M HB93	PK29200EO00	PASS
ARCADYAN	W/L WN7812D-LF-CP FI6CP7812005J RL8191SE	PK29200H100	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
BLUETOOTH			
Foxconn	B_T_ MODU 04L FOXCONN T60H928.31 V2.1 030	PK320001FB0	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
KB			
Common KB			
Sunrex	KB V020602B SUNREX INT'E 01S VISTA	PK1301S0350	PASS
Sunrex	KB V020602A SUNREX UK 01S VISTA	PK1301S0370	PASS
Chicony	KB MP-0569 CHICONY INT'E 01S VISTA	PK1301S0150	PASS

Lite-on	SG-28100 LITE-ON UK 01S 030	PK1301S0670	PASS
Chocolate KB			
Sunrex	KB V092302B SUNREX INT'E 0CJ	PK130CJ1A02	PASS
Sunrex	KB V092302B SUNREX UK 0CJ	PK130CJ1A04	PASS
Lite-on	KB SG-36000 LITE-ON INT'E 0CJ	PK130CJ2A04	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
TOUCHPAD			
Synaptics	TRACK PAD SYNAPTICS TM1146	PK090005M00	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
WEB CAM			
1.3M			
Chicony	CNF7163	PK400003H00	PASS
2.0M			
Suyin	CN2015-S30B-OV01	PK400003G00	Conditional PASS
BCIC068: Camera lag when recording intermittently			
2.0M			
SUYIN (New Add on 3/10/2010)	CAMERA M CN2015-S30B-OV01-2 SUYIN 2.0M	PK400008T10	PASS
SUYIN (New Add on 3/10/2010)	CAMERA M CN2015-S30B-OV01-1 SUYIN 2M	PK400008N00	PASS
Chicony (New Add on 4/13/2010)	CAMERA M CNF9251 CHICONY 2.0M	PK400008W00	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
THERMAL			
CPU Thermal			
Furukawa	NBLB1_INTEL_CFD_THML_ASSY_FURUKAWA	AT09H0010U0	PASS
Robin	NBLB1_INTEL_CFD_THML_ASSY_ROBIN	AT09H0010R0	PASS
VGA Thermal			
Furukawa	NBLB1_INTEL_VGA_ASSY_FURUKAWA	AT09H0020U0	PASS
Robin	NBLB1_INTEL_VGA_ASSY_ROBIN	AT09H0020R0	PASS
FAN			
Sunon	FAN DC5V SUNON MG60120V1-Q010-G99	DC2800083S0	PASS
ADDA	FAN DC5V ADDA AB0705MX-LD3(NBLB2)	DC2800083A0	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
SPEAKER			
FG/Zylux	SPK PACK 06L 2W 4OHM	PK23000AS00	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
TV TUNER KITS			
TV tuner card			
YUAN	TV/T MODU 01S MC770A HYBRID	PK310001A00	PASS
YUAN	TV/T MODU 060 MC570QA HYBRID ATSC	PK310001B10	PASS
TV tuner antenna			
ACON	ANTENNA AHP2B-200000	DC33000J400	PASS
WNC	ANTENNA 060 91.XTZ15.004 U+V	DC33000M000	PASS
Remote controller			
FORMOSA21	REMOTE TX TTC RC301 LF	PK110000T10	PASS
TV cable			
KENPOL	TV CB ZHM G-EB-004 SMB TO PAL TV-CABLE	DC080001V00	PASS
TV adaptor			
KENPOL	KENPOL KG63004 PAL-NTSC ADAPTER	DC311000P00	PASS

Supplier	Specification/Model	COMPAL P/N	Approval Status
ANTENNA			
Main/Aux/Mimo			
WNC	ANTENNA 06K 81EHA15.009 WIMAX_MAIN	DC33000IO00	PASS
	ANTENNA 06K 81EHA15.010 WIMAX_AUX	DC33000IO10	PASS
	ANTENNA 09H 81.EHA15.013 WIMAX_MIMO	DC33000IO20	PASS
YAGEO	ANTENNA 06K CAN4313824022701B WIMAX_MAIN	DC33000IN00	PASS
	ANTENNA 06K CAN4313824012701B WIMAX_AUX	DC33000IN20	PASS
	ANTENNA 09H CAN4313938012501B WIMAX_MIMO	DC33000IN30	PASS
Supplier	Specification/Model	COMPAL P/N	Approval Status
MIC			
L&R			
SUNMOWNG/HIT/XINGMENG	MIC SET 06L 6D 430MM LEFT	CY100003W00	PASS
SUNMOWNG/HIT/XINGMENG	MIC SET 06L 6D 320MM RIGHT	CY100003X00	PASS