

Motherboard Model: 680i A1 (D00) REV			NA = Not Applicable		
CPU P/N: L737B255 2.40 GHZ/8M/1066/05A			D = Disabled E = Enabled		
CPU Stepping: G0 CPU Model: Q6600 SLACR			Y = Yes N = No		
Test Case	1	2	3	4	5
Memory Slots: 0 & 1					
Memory Slots: 2 & 3					
BIOS VERSION	P31				
TYPE MEMORY	8500C5D				

System clocks					
CPU Multiplier	8				
PCIe x16_1 Mhz	105				
PCIe x16_3 Mhz	101				
PCIe x16_2 Mhz	101				
SPP<->MCP Ref Clock, Mhz	202				
nForce SPP --> nForce MCP (x)	5				
nForce SPP <-- nForce MCP	5				
CPU spread spectrum	D				
HT Spread spectrum	D				
PCIe Spread spectrum (SPP)	D				
PCIe Spread spectrum (MCP)	D				
SATA Spread spectrum	D				

FSB & Memory Config					
SLI – Ready memory	D				
CPU Multiplier	8				
FSB Memory Ratio	X				
FSB – Memory Clock Mode	Unlinked				
FSB (QDR), Mhz	1800.0				
Actual FSB (QDR), Mhz	450.0				
MEM (DDR), Mhz	1064.0				
Actual MEM (DDR), Mhz	1064.0				

Memory Timing Settings					
Memory Timing Setting	Expert				
tCL (CAS Latency)	5				
tRCD	5				
tRP	5				
tRAS	15				
Command Per Clock (CMD)	2T				

tRRD	A=5				
tRC	A=30				
tWR	A=6				
tWTR	A=11				
tREF	A=7.9uS				
CPU Configuration					
Limit CPUID MaxVal	D				
Intel SpeedStep	D				
CPU Thermal Control	D				
C1E Enhanced Halt State	D				
Execute Disable Bit	D				
Virtualization technology	D				
CPU Core 0	E				
CPU Core 1	E				
CPU Core 2	E				
CPU Core 3	E				
System Voltages					
CPU Core					
BIOS	1.36875	1.37500			
IDLE	1.35200	1.36000			
LOAD	1.36000	1.36800			
CPU Load Line Rate	NA				
CPU FSB (Def 1.4)	1.40				
MEMORY	2.10				
nForce SPP (Def 1.4)	1.50				
nForce MCP Def 1.5)	1.50				
HT nForce SPP<-> MCP (Def 1.2)	1.30				
Temperatures					
	Load temp's based on Prime 95 small FFT (1 hour)				
Core 0 Idle	34	30			
Core 1 Idle	33	27			
Core 2 Idle	30	25			
Core 3 Idle	32	30			
fans ¼ speed					
Core 0 Load	69	60			
Core 1 Load	69	50			
Core 2 Load	62	49			
Core 3 Load	62	60			
Case/Ambient					
IDLE					
LOAD					
Motherboard (Everest)					
IDLE	21	27			

Sheet1

LOAD		29			
MCP (Everest) IDLE	36	38			
MCP Load		40			
GPU Core (Rivatuner)					
IDLE	42	37			
LOAD		51			
GPU Ambient (Rivatuner)					
IDLE	29	26			
LOAD		34			
Load Timing/Voltage Set					
Select profile 1					
Select profile 2					
Select profile 3	XX				
CPU-z Data					
Core Speed	3600				
Bus Speed	450				
Rated FSB	1800				
DRAM frequency	532				
FSB:DRAM	11:13				
tRC	30				
Command Rate (CR)	2T				
Vdroop mod ?	Y				
Advanced Chipset Features					
System BIOS cacheable	D	D			
HPET Function	D	D			
Nvidia GPU Ex	D	D			

