


















Sensor	Value	Min	Max
DESKTOP-7T44GP8			
MSI Z170A SLI PLUS (MS-7998)			
Voltages			
CPU VCORE	0.880 V	0.760 V	1.264 V
VIN1	1.000 V	1.000 V	1.000 V
AVCC	3.392 V	3.392 V	3.392 V
3VCC	3.312 V	3.312 V	3.312 V
VIN4	1.008 V	1.008 V	1.008 V
VIN5	0.144 V	0.144 V	0.144 V
VIN6	0.960 V	0.960 V	0.960 V
VIN7	1.088 V	1.088 V	1.088 V
VIN8	0.808 V	0.760 V	1.272 V
VIN9	0.600 V	0.600 V	0.600 V
VIN10	1.008 V	1.008 V	1.008 V
VIN11	1.000 V	1.000 V	1.000 V
VIN12	0.960 V	0.960 V	0.960 V
VIN13	1.008 V	1.000 V	1.008 V
VIN14	0.000 V	0.000 V	0.000 V
Temperatures			
TZ00	28 °C (82 °F)	28 °C (82 °F)	28 °C (82 °F)
TZ01	30 °C (85 °F)	30 °C (85 °F)	30 °C (85 °F)
SYSTIN	31 °C (87 °F)	31 °C (87 °F)	32 °C (89 °F)
TMPIN5	127 °C (260 °F)	127 °C (260 °F)	127 °C (260 °F)
TMPIN6	31 °C (87 °F)	31 °C (87 °F)	32 °C (89 °F)
TMPIN3	29 °C (84 °F)	29 °C (84 °F)	45 °C (113 °F)
Fans			
SYSFANIN	874 RPM	872 RPM	882 RPM
CPUFANIN	387 RPM	384 RPM	400 RPM
AUXFANIN0	823 RPM	821 RPM	847 RPM
AUXFANIN1	611 RPM	606 RPM	615 RPM
AUXFANIN2	637 RPM	631 RPM	643 RPM
Intel Core i7 6700K			
Voltages			
VID	1.024 V	0.761 V	1.281 V
IA Offset	+0.000 V	+0.000 V	+0.000 V
GT Offset	+0.000 V	+0.000 V	+0.000 V
LLC/Ring Offset	+0.000 V	+0.000 V	+0.000 V
System Agent Offset	+0.000 V	+0.000 V	+0.000 V
Temperatures			
Core #0	22 °C (71 °F)	22 °C (71 °F)	49 °C (120 °F)
Core #1	24 °C (75 °F)	23 °C (73 °F)	46 °C (114 °F)
Core #2	21 °C (69 °F)	20 °C (68 °F)	34 °C (93 °F)
Core #3	23 °C (73 °F)	22 °C (71 °F)	44 °C (111 °F)
Package	29 °C (84 °F)	29 °C (84 °F)	49 °C (120 °F)
Powers			
Package	12.99 W	6.84 W	33.46 W
IA Cores	1.92 W	0.74 W	30.03 W
Uncore	11.07 W	3.08 W	11.11 W
DRAM	0.48 W	0.45 W	0.88 W
Clocks			

Sensor		Value	Min	Max
	Package	12.36 W	6.84 W	41.93 W
	IA Cores	1.28 W	0.68 W	30.58 W
	Uncore	11.08 W	3.08 W	11.36 W
	DRAM	0.47 W	0.45 W	1.14 W
	Clocks			
	Core #0	3697 MHz	799 MHz	4002 MHz
	Core #1	1899 MHz	799 MHz	4199 MHz
	Core #2	1599 MHz	799 MHz	4002 MHz
	Core #3	2198 MHz	799 MHz	4201 MHz
	Utilization			
	UC	2 %	0 %	38 %
	CPU #0	0 %	0 %	49 %
	CPU #1	0 %	0 %	64 %
	CPU #2	3 %	0 %	34 %
	CPU #3	0 %	0 %	38 %
	CPU #4	0 %	0 %	46 %
	CPU #5	0 %	0 %	33 %
	CPU #6	0 %	0 %	38 %
	CPU #7	0 %	0 %	34 %
	KINGSTON SHSS37A240G			
	Temperatures			
	Assembly	28 °C (82 °F)	28 °C (82 °F)	29 °C (84 °F)
	Utilization			
	Space (c:)	25 %	25 %	25 %
	ST1000DM003-1S810C			
	Temperatures			
	Assembly	28 °C (82 °F)	27 °C (80 °F)	28 °C (82 °F)
	Air Flow	28 °C (82 °F)	27 °C (80 °F)	28 °C (82 °F)
	Utilization			
	Space (d:)	21 %	21 %	21 %
	NVIDIA GeForce GTX 1060 6GB			
	Voltages			
	GPU	0.625 V	0.625 V	0.800 V
	Temperatures			
	GPU	36 °C (96 °F)	36 °C (96 °F)	37 °C (98 °F)
	Fans			
	GPU	0 RPM	0 RPM	0 RPM
	Fans PWM			
	FANPWMIN0	0 %	0 %	0 %
	Powers			
	GPU	6.23 %	6.07 %	23.18 %
	Clocks			
	Graphics	139 MHz	139 MHz	1506 MHz
	Memory	405 MHz	405 MHz	4004 MHz
	Utilization			
	GPU	0 %	0 %	15 %
	Frame Buffer	3 %	0 %	9 %
	Video Engine	0 %	0 %	0 %
	Bus Interface	0 %	0 %	7 %
	Memory	6 %	5 %	7 %