

CPU information						
Processor	<u>dual E5506</u>	<u>dual E5620</u>	<u>dual L5640</u>	<u>dual X5667</u>	<u>dual X5670</u>	<u>X3470</u>
Cost	\$4.50	\$6.38	\$36.00	\$40.00	\$63.00	\$29.00
cores	4.00	4.00	6.00	4.00	6.00	4.00
threads	4.00	8.00	12.00	8.00	12.00	8.00
bus speed	133.34	133.34	133.34	133.34	133.34	133.34
minimum	1,600.08	1,600.08	1,600.08	1,600.08	1,600.08	1,200.06
base	2,133.44	2,400.00	2,260.00	3,070.00	2,930.00	2,930.00
turbo	2,133.44	2,666.80	2,800.14	3,466.00	3,330.00	3,600.18
TDP (each)	80.00	80.00	60.00	95.00	95.00	95.00
TDP (combined)	160.00	160.00	120.00	190.00	190.00	95.00
Idle watts:TDP watts	0.79	0.85	1.11	0.74	0.77	0.59
Load watts:TDP watts	1.31	1.53	2.21	1.54	1.76	1.51
CPU benchmarks (with 1050ti installed)						
Processor	<u>dual E5506</u>	<u>dual E5620</u>	<u>dual L5640</u>	<u>dual X5667</u>	<u>dual X5670</u>	<u>X3470</u>
Aida 64 (peak temp, deg C)	49.00	52.00	49.00	57.00	74.00	64.00
Aida 64 (watts)	209.00	244.00	265.00	292.00	335.00	143.00
Ashes (CPU)	12.60	22.50	22.60	27.30	26.80	19.80
Cinebench R15	459.00	756.00	1,147.00	1,024.00	1,460.00	487.00
Cinebench R15 (per dollar)	102.00	118.50	31.86	25.60	23.17	16.79
Cinebench R15 (per watt)	2.31	3.23	4.50	3.63	4.49	3.66
Passmark (multi)	5,204.00	7,821.00	9,862.00	9,755.00	11,719.00	5,305.00
Passmark (multi, per dollar)	1,156.44	1,225.86	273.94	243.88	186.02	182.93
Passmark (multi, per watt)	26.15	33.42	38.67	34.59	36.06	39.89
Passmark (single)	920.00	1,145.00	1,201.00	1,473.00	1,435.00	1,285.00
GTX 1050ti 4GB benchmarks (10 watt idle, 75 watt load)						
Processor	<u>dual E5506</u>	<u>dual E5620</u>	<u>dual L5640</u>	<u>dual X5667</u>	<u>dual X5670</u>	<u>X3470</u>
idle (watts, 1050ti)	127.00	136.00	133.00	140.00	146.00	56.00
max (watts, 1050ti)	266.00	283.00	250.00	341.00	374.00	213.00
Fire Strike	6,514.00	6,891.00	6,984.00	7,118.00	7,073.00	6,691.00
Fire Strike (per watt)	24.49	24.35	27.94	20.87	18.91	31.41
Fire Strike (graphics)	7,853.00	7,924.00	7,879.00	8,083.00	7,897.00	7,964.00
Fire Strike (physics)	6,947.00	10,515.00	12,782.00	13,049.00	14,805.00	7,826.00
Fire Strike (combined)	2,747.00	2,763.00	2,758.00	2,763.00	2,757.00	2,770.00
Superposition (medium)	5,507.00	5,542.00	5,501.00	5,541.00	5,547.00	5,545.00
Superposition (medium) (per watt)	20.70	19.58	22.00	16.25	14.83	26.03
Superposition (high)	3,884.00	3,899.00	3,884.00	3,905.00	3,892.00	3,927.00
Superposition (high) (per watt)	14.60	13.78	15.54	11.45	10.41	18.44
Valley	1,676.00	2,695.00	2,734.00	3,103.00	3,049.00	3,094.00
Valley (min)	13.50	19.50	20.20	25.40	24.30	24.90
Valley (avg)	40.00	64.40	65.30	74.20	72.90	73.90
Valley (max)	64.70	106.50	108.00	124.50	118.10	123.40
Tomb Raider	49.77	50.76	50.64	49.78	50.06	50.20
Tomb Raider (per dollar)	11.06	7.96	1.41	1.24	0.79	1.73
Tomb Raider (per watt)	0.19	0.18	0.20	0.15	0.13	0.24
Tomb Raider (min)	27.55	22.23	23.81	21.96	5.09	4.06
Tomb Raider (max)	95.51	88.22	95.16	90.39	96.51	96.26
GTX 980 4GB benchmarks (15 watt idle, 190 watt load)						
Processor	<u>dual E5506</u>	<u>dual E5620</u>	<u>dual L5640</u>	<u>dual X5667</u>	<u>dual X5670</u>	<u>X3470</u>
idle (watts, 980)	133.00	142.00	139.00	145.00	146.00	58.00
max (watts, 980)	407.00	425.00	430.00	431.00	469.00	330.00
Fire Strike	9,296.00	10,958.00	11,150.00	11,806.00	12,210.00	10,451.00
Fire Strike (per watt)	22.84	25.78	25.93	27.39	26.03	31.67
Fire Strike (graphics)	13,918.00	14,096.00	13,925.00	14,035.00	13,926.00	14,288.00
Fire Strike (physics)	6,891.00	10,549.00	12,438.00	12,704.00	16,041.00	7,855.00
Fire Strike (combined)	3,134.00	4,197.00	4,209.00	5,141.00	5,350.00	4,151.00
Superposition (medium)	7,208.00	9,214.00	9,239.00	9,415.00	9,421.00	9,445.00
Superposition (medium) (per watt)	17.71	21.68	21.49	21.84	20.09	28.62

Superposition (high)	6,488.00	6,808.00	6,816.00	6,827.00	6,836.00	6,865.00	
Superposition (high) (per watt)	15.94	16.02	15.85	15.84	14.58	20.80	
Valley	1,673.00	2,655.00	2,604.00	3,196.00	3,333.00	3,515.00	
Valley (min)	13.50	19.60	19.60	24.20	24.30	25.70	
Valley (avg)	40.00	63.50	62.20	76.40	79.70	84.00	
Valley (max)	63.70	101.20	97.60	118.50	127.60	131.80	
Tomb Raider	74.75	79.92	78.93	90.36	82.00	82.68	
Tomb Raider (per dollar)	16.61	12.53	2.19	2.26	1.30	2.85	
Tomb Raider (per watt)	0.18	0.19	0.18	0.21	0.17	0.25	
Tomb Raider (min)	21.54	26.29	32.55	33.91	8.52	7.97	
Tomb Raider (max)	115.81	133.51	134.69	170.02	138.13	135.40	



