

Engineering Mobile Workstations Compared

		HP EliteBook 8560w	Eurocom Panther 3.0	Eurocom D900F Panther		HP Elitebook 8540w		Dell Precision M6500		HP EliteBook 8530w		Lenovo ThinkPad W700
Price as tested		\$4,063	\$8,027	\$7,467		\$3,657		\$4,430		\$2,822		\$3,524
Date tested		5/1/12	8/20/11	1/14/11		12/13/10		4/23/10		12/18/08		10/22/08
Operating System		Windows 7	Windows 7	Windows XP	Windows 7	Windows XP	Windows 7	Windows XP	Windows 7	Windows XP	Windows Vista	Windows XP
SPECviewperf, higher												
3dsmax-04		71.23	74.50	75.97	79.11	43.31	56.10	49.56	52.35	33.38	32.21	34.23
catia-02		80.96	95.31	85.23	82.83	53.08	59.43	64.31	61.72	42.41	39.75	45.01
ensight-03		63.97	101.50	66.02	60.10	41.52	41.05	58.28	47.75	37.42	34.24	43.31
maya-02		233.93	407.90	290.35	236.55	204.12	159.95	283.64	212.05	149.21	108.33	165.87
proe-04		74.69	95.73	84.84	77.09	57.51	57.06	70.91	61.96	42.92	39.33	45.67
SW-01		138.60	198.76	178.01	163.34	109.6	102.93	152.41	132.68	67.98	59.75	90.01
tcvis-01		47.24	91.18	47.36	42.28	29.84	27.15	47.71	39.44	21.42	19.19	28.34
ugnx-01		37.16	86.62	43.18	39.34	27.75	28.10	39.60	33.64	19.85	18.11	30.91
SPECapc SolidWorks, lower												
Score	seconds	131.17 ²	n/a	135.63	n/a	198.16	n/a	175.72	n/a	182.63	n/a	187.27
Graphics	seconds	44.76 ²	n/a	51.94	n/a	67.55	n/a	58.99	n/a	62.16	n/a	60.87
CPU	seconds	39.37 ²	n/a	29.22	n/a	45.42	n/a	37.62	n/a	39.99	n/a	44.40
I/O	seconds	47.04 ²	n/a	58.76	n/a	89.8	n/a	83.48	n/a	83.69	n/a	96.66
SPECapc SolidWorks, higher												
Score	ratio	3.67 ²	n/a	5.66	n/a	4.08	n/a	4.75	n/a	4.75	n/a	4.47
Graphics	ratio	4.37 ²	n/a	3.61	n/a	2.69	n/a	3.09	n/a	3.26	n/a	3.15
CPU	ratio	3.11 ²	n/a	10.19	n/a	7.1	n/a	8.58	n/a	8.07	n/a	7.27
I/O	ratio	3.01 ²	n/a	5.14	n/a	3.53	n/a	3.79	n/a	3.78	n/a	3.65
Autodesk Render Test, lower												
Time	seconds	89.83	53.3 ¹	57.16	51.83	188.5	146.81	168.33	180.16	318.4	324.60	162.00
Battery Test												
Time	hours: min	2:37	0:38	n/a	1:17	1:28	1:21	2:06	2:05	3:21	3:00	2:15

Numbers in **blue** indicate best recorded results. Numbers in **red** indicate worst recorded results. 1=Results based on individual renderings. 2=Results based on SPECapcSW2007 benchmark.