

BENCHMARKING THE APPRO XTREME WH5548H

		Appro Xtreme WH 5548H workstation (four 1.9GHz AMD Opteron quad-core CPUs, NVIDIA Quadro FX 5600, 32GB RAM)	Alienware MJ-12 8550I workstation (two 2.66GHz Intel Xeon 5355 CPUs, NVIDIA FX 4600, 4GB RAM)	NextComputing NextDimension Pro HD transportable computer (two 1.8GHz AMD Opteron 265 HE dual-core CPUs, NVIDIA FX 4600, 4GB RAM)	Polywell Poly A680X2 SL14 (two 3.0GHz Athlon 64 FX-74, NVIDIA FX 5500, 2GB RAM)	TriStar StarStation III (2.934GHz Core 2 Extreme, NVIDIA FX 3500, 4GB RAM)	HP xw8400 workstation (two 2.66GHz Intel Xeon 5355 CPUs, NVIDIA Quadro FX 3500, 3GB RAM)	Dell Precision 490 workstation (two 3.0GHz Intel CPUs, NVIDIA Quadro FX 4500, 2GB RAM)	HP xw4400 workstation (2.66GHz Core 2 Duo CPU, NVIDIA FX 1500, 2 GB RAM)	Dell Precision 690 workstation (two 3.0GHz Xeon 5160 CPUs, two NVIDIA Quadro FX 4500, 4GB RAM)	HP xw9400 workstation (two 2.8GHz AMD Opteron CPUs, two NVIDIA Quadro FX 3500, 4GB RAM)	HP xw8400 workstation (two 3.0GHz Xeon 5160 CPUs, NVIDIA Quadro FX 3500, 2GB RAM)	HP xw4300 workstation (3.2GHz Pentium D dual-core CPU, NVIDIA Quadro FX 3400, 2GB RAM)	Dell Precision M90 mobile workstation (2.16GHz mobile Core 2 Duo CPU, NVIDIA Quadro FX 2500M, 2GB RAM)
Price as tested		\$9,217.00	\$8,866.00	\$9,925.00	\$5,799.00	\$3,989.00	\$6,808.00	\$5,833.00	\$2,599.00	\$8,251.00	\$7,587.00	\$6,383.00	\$3,998.00	\$3,619.00
Date tested		12/28/07	6/16/07	4/10/07	4/3/07	3/17/07	3/9/07	11/9/06	11/9/06	11/9/06	9/27/06	7/27/06	8/21/05	4/30/06
SPECviewperf 8.1	higher													
3dsmax-03		37.28	45.14	37.68	43.64	68.02	58.88	65.81	59.23	70.41	46.91	64.90	31.92	49.57
CATIA-01		32.00	42.15	29.26	40.64	56.78	48.16	52.57	49.28	55.72	35.90	51.67	28.43	37.97
Ensignht-01		68.32	34.87	57.96	34.03	44.23	41.41	42.67	38.13	66.91	37.90	43.30	20.97	39.57
Light-07		23.34	40.05	21.55	37.60	48.49	41.88	46.66	41.27	46.69	24.72	43.31	22.92	29.51
Maya-01		50.43	55.77	49.95	54.73	100.60	84.00	93.81	95.63	93.54	67.13	94.95	47.09	66.92
ProE-03		53.66	49.32	54.12	58.57	88.24	79.90	83.06	72.46	105.80	70.61	87.54	45.63	74.49
SW-01		44.62	41.26	42.01	39.51	54.44	47.98	52.48	43.10	73.16	37.33	49.81	24.91	46.42
UGS-04		106.20	39.95	88.61	49.68	55.87	54.75	55.32	40.42	106.80	54.79	54.73	33.65	60.46
SPECviewperf 9.0	higher													
3dsmax-04		19.23	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
catia-02		25.30	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ensight-03		38.74	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
light-08		19.45	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
maya-02		128.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
proe-04		21.82	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SW-01		40.32	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
tcvis-01		24.24	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ugnx-01		31.80	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SPECapc SolidWorks 2005	lower													
Score	seconds	282.78	233.97	330.26	222.61	212.61	221.57	199.13	203.44	198.70	228.59	183.47	305.14	273.23
Graphics	seconds	89.03	97.06	122.92	90.85	80.98	82.98	85.25	68.76	83.88	82.25	67.08	106.87	91.59
CPU	seconds	69.12	54.55	73.18	50.80	56.40	54.03	43.22	55.32	42.94	54.51	42.84	72.48	70.35
I/O	seconds	125.34	87.70	139.71	85.28	80.20	86.47	75.70	84.10	76.73	96.40	78.12	131.16	116.77
SPECapc SolidWorks 2005	higher													
Score	ratio	2.98	3.07	2.45	3.24	3.28	3.25	3.62	3.89	3.73	3.48	4.39	2.71	2.97
Graphics	ratio	2.15	1.76	1.55	1.84	2.03	1.99	1.97	2.84	2.09	2.30	2.90	1.89	2.13
CPU	ratio	4.67	5.92	4.41	6.35	5.72	5.97	7.47	5.83	7.51	5.92	7.53	4.45	4.59
I/O	ratio	2.53	3.61	2.27	3.71	3.95	3.66	4.18	3.76	4.13	3.28	4.05	2.41	2.71
Autodesk 2007 Render Test	lower													
Time	seconds	96.80	82.00	243.00	148.00	269.00	81.00	133.00	243.00	137.00	170.00	138.00	447.00	n/a
Autodesk 2008 Render Test	lower													
Time	seconds	60.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Numbers in **blue** indicate best recorded results. Numbers in **orange** indicate worst recorded results.