



## BENCHMARKING THE HP XW6600

		HP xw6600 workstation (two 3.0GHz Intel quad-core CPUs, NVIDIA Quadro FX 1700, 2GB RAM)	HP xw4600 workstation (two 3.0GHz Intel dual-core CPUs, NVIDIA Quadro FX 1700, 2GB RAM)	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)	Polywell Poly A680X2 SLI4 (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)
Price as tested		\$4,611.00	\$2,319	\$9,217	\$8,866	\$5,799	\$3,989	\$6,808	\$5,833	\$2,599	\$8,251	\$7,587	\$6,383.00
Date tested		12/21/07	12/20/07	12/28/07	6/15/07	4/3/07	3/17/07	3/9/07	11/8/06	11/8/06	11/8/06	9/26/06	7/26/06
SPECviewperf 8.1	higher												
3dsmax-03		64.64	<b>73.88</b>	<b>37.28</b>	45.14	43.64	68.02	58.88	65.81	59.23	70.41	46.91	64.90
CATIA-01		54.65	<b>59.99</b>	<b>32.00</b>	42.15	40.64	56.78	48.16	52.57	49.28	55.72	35.90	51.67
Ensight-01		55.22	51.64	<b>68.32</b>	34.87	<b>34.03</b>	44.23	41.41	42.67	38.13	66.91	37.90	43.30
Light-07		44.55	47.87	<b>23.34</b>	40.05	37.60	<b>48.49</b>	41.88	46.66	41.27	46.69	24.72	43.31
Maya-01		94.19	<b>104.20</b>	<b>50.43</b>	55.77	54.73	100.60	84.00	93.81	95.63	93.54	67.13	94.95
ProE-03		91.32	101.80	53.66	<b>49.32</b>	58.57	88.24	79.90	83.06	72.46	<b>105.80</b>	70.61	87.54
SW-01		59.27	65.09	44.62	41.26	39.51	54.44	47.98	52.48	43.10	<b>73.16</b>	<b>37.33</b>	49.81
UGS-04		49.86	53.45	106.20	<b>39.95</b>	49.68	55.87	54.75	55.32	40.42	<b>106.80</b>	54.79	54.73
SPECviewperf 9.0	higher												
3dsmax-04		33.16	<b>37.37</b>	<b>19.23</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
catia-02		43.01	<b>46.98</b>	<b>25.30</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ensight-03		31.03	<b>30.01</b>	<b>38.74</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
light-08		36.34	<b>38.86</b>	<b>19.45</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
maya-02		<b>111.20</b>	111.40	<b>128.50</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
proe-04		38.27	<b>43.98</b>	<b>21.82</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SW-01		55.44	<b>62.12</b>	<b>40.32</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
tcvis-01		15.34	<b>15.06</b>	<b>24.24</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ugnx-01		14.90	<b>14.29</b>	<b>31.80</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
SPECapc SolidWorks 2005	lower												
Score	seconds	184.36	<b>167.24</b>	<b>282.78</b>	233.97	222.61	212.61	221.57	199.13	203.44	198.70	228.59	183.47
Graphics	seconds	61.52	<b>57.46</b>	89.03	<b>97.06</b>	90.85	80.98	82.98	85.25	68.76	83.88	82.25	67.08
CPU	seconds	50.03	<b>40.40</b>	<b>69.12</b>	54.55	50.80	56.40	54.03	43.22	55.32	42.94	54.51	42.84
I/O	seconds	77.04	<b>73.43</b>	<b>125.34</b>	87.70	85.28	80.20	86.47	75.70	84.10	76.73	96.40	78.12
SPECapc SolidWorks 2005	higher												
Score	ratio	4.28	<b>4.82</b>	<b>2.98</b>	3.07	3.24	3.28	3.25	3.62	3.89	3.73	3.48	4.39
Graphics	ratio	3.11	<b>3.29</b>	2.15	<b>1.76</b>	1.84	2.03	1.99	1.97	2.84	2.09	2.30	2.90
CPU	ratio	6.45	<b>7.99</b>	<b>4.67</b>	5.92	6.35	5.72	5.97	7.47	5.83	7.51	5.92	7.53
I/O	ratio	4.11	<b>4.31</b>	<b>2.53</b>	3.61	3.71	3.95	3.66	4.18	3.76	4.13	3.28	4.05
Autodesk 2007 Render Test	lower												
Time	seconds	85.80	260.00	96.80	82.00	148.00	<b>269.00</b>	<b>81.00</b>	133.00	243.00	137.00	170.00	138.00
Autodesk 2007 Render Test	lower												
Time	seconds	76.00	<b>265.80</b>	<b>60.00</b>	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.