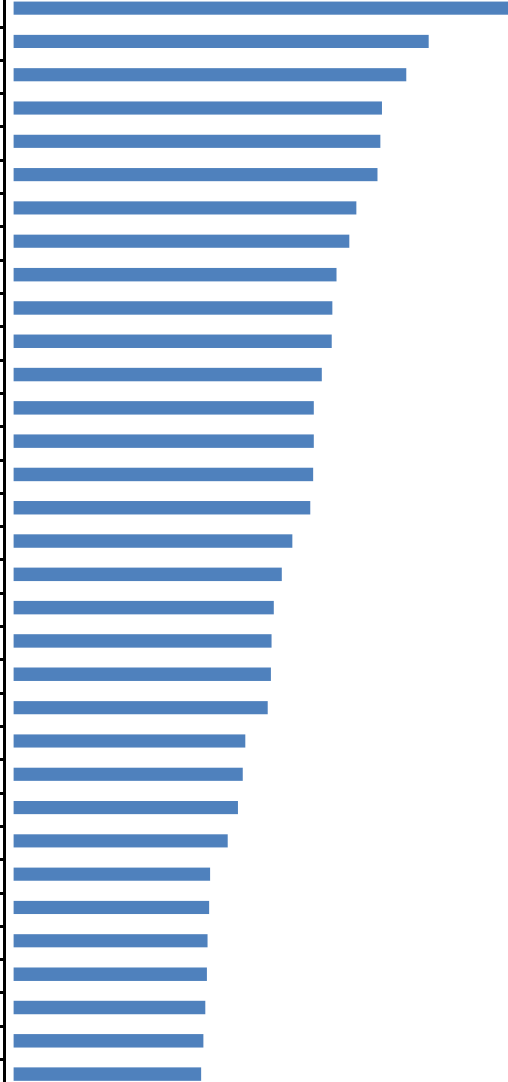













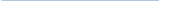



























## Expected Tracking Speed, Frames per Second

updated April, 27th, 2013















**Note!** Tracking speed may vary depending on CPU, video, other conditions. Expected speed is specified for optical head tracking turned off. Using optical head tracking (Enable head tracking checkbox selected) will make tracking speed around twice slower. Using motion controller for head tracking will not decrease tracking speed.

Videocard	Single Kinect		Dual Kinect		4 Sony PS Eye		6 Sony PS Eye	
	Low-res	High-res	Low-res	High-res	Low-res	High-res	Low-res	High-res
GeForce GTX Titan	12.3	8.7	9.9	5.8	4.7	2.9	3.8	2.3
GeForce GTX 680	10.3	7.3	8.2	4.8	3.9	2.4	3.1	2.0
GeForce GTX 670	9.7	6.9	7.8	4.5	3.7	2.3	3.0	1.8
Radeon HD 7970	9.1	6.4	7.3	4.3	3.5	2.2	2.8	1.7
GeForce GTX 690	9.1	6.4	7.3	4.2	3.4	2.2	2.8	1.7
GeForce GTX 580	9.0	6.4	7.2	4.2	3.4	2.1	2.8	1.7
GeForce GTX 660 Ti	8.5	6.0	6.8	4.0	3.2	2.0	2.6	1.6
Radeon HD 7950	8.3	5.9	6.6	3.9	3.2	2.0	2.5	1.6
GeForce GTX 680MX	8.0	5.6	6.4	3.7	3.0	1.9	2.4	1.5
GeForce GTX 570	7.9	5.6	6.3	3.7	3.0	1.9	2.4	1.5
GeForce GTX 480	7.9	5.6	6.3	3.7	3.0	1.9	2.4	1.5
Radeon HD 7870	7.6	5.4	6.1	3.6	2.9	1.8	2.3	1.5
GeForce GTX 675MX	7.4	5.2	5.9	3.5	2.8	1.8	2.3	1.4
GeForce GTX 660	7.4	5.2	5.9	3.5	2.8	1.8	2.3	1.4
GeForce GTX 590	7.4	5.2	5.9	3.5	2.8	1.8	2.3	1.4
GeForce GTX 680M	7.3	5.2	5.9	3.4	2.8	1.7	2.2	1.4
Radeon HD 7970M	6.9	4.9	5.5	3.2	2.6	1.6	2.1	1.3
Radeon HD 7850	6.6	4.7	5.3	3.1	2.5	1.6	2.0	1.3
GeForce GTX 470	6.4	4.6	5.2	3.0	2.4	1.5	2.0	1.2
Radeon HD 6970	6.4	4.5	5.1	3.0	2.4	1.5	2.0	1.2
GeForce GTX 560 Ti	6.4	4.5	5.1	3.0	2.4	1.5	1.9	1.2
GeForce GTX 650 Ti BOOST	6.3	4.4	5.0	2.9	2.4	1.5	1.9	1.2
Radeon HD 6950	5.7	4.1	4.6	2.7	2.2	1.4	1.8	1.1
Radeon HD 7790	5.7	4.0	4.5	2.7	2.2	1.3	1.7	1.1
GeForce GTX 560	5.6	3.9	4.4	2.6	2.1	1.3	1.7	1.1
GeForce GTX 465	5.3	3.7	4.2	2.5	2.0	1.3	1.6	1.0
GeForce GTX 650 Ti	4.9	3.4	3.9	2.3	1.8	1.2	1.5	0.9
GeForce GTX 460	4.8	3.4	3.9	2.3	1.8	1.2	1.5	0.9
Radeon HD 5970	4.8	3.4	3.8	2.3	1.8	1.1	1.5	0.9
GeForce GTX 675M	4.8	3.4	3.8	2.2	1.8	1.1	1.5	0.9
GeForce GTX 580M	4.7	3.4	3.8	2.2	1.8	1.1	1.5	0.9
Radeon HD 5870	4.7	3.3	3.8	2.2	1.8	1.1	1.4	0.9
GeForce GT 645	4.6	3.3	3.7	2.2	1.8	1.1	1.4	0.9



Radeon HD 6870	4.6	3.3	3.7	2.2	1.8	1.1	1.4	0.9	
GeForce GTX 460 v2	4.5	3.2	3.6	2.1	1.7	1.1	1.4	0.9	
GeForce GTX 675M	4.3	3.0	3.4	2.0	1.6	1.0	1.3	0.8	
GeForce GTX 560 SE	4.2	3.0	3.4	2.0	1.6	1.0	1.3	0.8	
Radeon HD 5850	4.1	2.9	3.3	1.9	1.6	1.0	1.3	0.8	
GeForce GTX 460 SE	4.1	2.9	3.2	1.9	1.5	1.0	1.2	0.8	
Radeon HD 6850	4.0	2.9	3.2	1.9	1.5	1.0	1.2	0.8	
GeForce GTX 485M	3.9	2.8	3.2	1.8	1.5	0.9	1.2	0.8	
GeForce GTX 555	3.9	2.8	3.1	1.8	1.5	0.9	1.2	0.7	
GeForce GTX 480M	3.9	2.8	3.1	1.8	1.5	0.9	1.2	0.7	
Radeon HD 7770	3.9	2.8	3.1	1.8	1.5	0.9	1.2	0.7	
GeForce GTX 670MX	3.8	2.7	3.0	1.8	1.4	0.9	1.2	0.7	
Radeon HD 5830	3.7	2.6	3.0	1.7	1.4	0.9	1.1	0.7	
Radeon HD 6700	3.7	2.6	2.9	1.7	1.4	0.9	1.1	0.7	
Radeon HD 6900M	3.6	2.6	2.9	1.7	1.4	0.9	1.1	0.7	
GeForce GTX 570M	3.6	2.5	2.9	1.7	1.4	0.9	1.1	0.7	
GeForce GTX 670M	3.6	2.5	2.9	1.7	1.4	0.9	1.1	0.7	
GeForce GTX 550 Ti	3.5	2.5	2.8	1.6	1.3	0.8	1.1	0.7	
GeForce GTX 470M	3.4	2.4	2.7	1.6	1.3	0.8	1.0	0.7	
GeForce GTX 650	3.3	2.3	2.7	1.6	1.3	0.8	1.0	0.6	
Radeon HD 5770	3.1	2.2	2.5	1.4	1.2	0.7	0.9	0.6	
Radeon HD 6770	3.0	2.2	2.4	1.4	1.2	0.7	0.9	0.6	
GeForce GTX 660M	2.9	2.1	2.3	1.4	1.1	0.7	0.9	0.6	
Radeon HD 7750	2.9	2.1	2.3	1.4	1.1	0.7	0.9	0.6	
GeForce GTX 560M	2.8	2.0	2.2	1.3	1.1	0.7	0.9	0.5	
GeForce GTS 450	2.8	2.0	2.2	1.3	1.1	0.7	0.9	0.5	
Radeon HD 7870M	2.8	1.9	2.2	1.3	1.0	0.7	0.8	0.5	
Radeon HD 4890	2.7	1.9	2.2	1.3	1.0	0.6	0.8	0.5	
Radeon HD 7850M	2.6	1.9	2.1	1.2	1.0	0.6	0.8	0.5	
Radeon HD 7560D + 7670 Dual	2.6	1.8	2.1	1.2	1.0	0.6	0.8	0.5	
Radeon HD 5750	2.5	1.8	2.0	1.2	1.0	0.6	0.8	0.5	
GeForcs GTX 560M	2.5	1.8	2.0	1.2	1.0	0.6	0.8	0.5	
Radeon HD 4870	2.5	1.8	2.0	1.2	1.0	0.6	0.8	0.5	
GeForce GTX 460M	2.5	1.7	2.0	1.2	0.9	0.6	0.8	0.5	
GeForce GT 750M	2.4	1.7	2.0	1.1	0.9	0.6	0.8	0.5	
Radeon HD 6750	2.4	1.7	2.0	1.1	0.9	0.6	0.7	0.5	
GeForce GT 640	2.4	1.7	1.9	1.1	0.9	0.6	0.7	0.5	
GeForce GT 650M	2.4	1.7	1.9	1.1	0.9	0.6	0.7	0.5	
Radeon HD 4870 X2	2.4	1.7	1.9	1.1	0.9	0.6	0.7	0.5	

GeForce GTX 285	2.3	1.6	1.8	1.1	0.9	0.5	0.7	0.4	▬
GeForce GTX 280	2.3	1.6	1.8	1.1	0.9	0.5	0.7	0.4	▬
GeForce GT 545	2.2	1.6	1.8	1.1	0.9	0.5	0.7	0.4	▬
Radeon HD 7560D + 6670 Dual	2.2	1.6	1.8	1.1	0.9	0.5	0.7	0.4	▬
Radeon HD 4850 X2	2.2	1.6	1.8	1.0	0.8	0.5	0.7	0.4	▬
GeForce GTX 275	2.2	1.5	1.7	1.0	0.8	0.5	0.7	0.4	▬
Mobility Radeon HD 5870	2.2	1.5	1.7	1.0	0.8	0.5	0.7	0.4	▬
Radeon HD 7660D + 6670 Dual	2.1	1.5	1.7	1.0	0.8	0.5	0.6	0.4	▬
GeForce GTX 260	2.0	1.4	1.6	1.0	0.8	0.5	0.6	0.4	▬
Radeon HD 7670	2.0	1.4	1.6	0.9	0.8	0.5	0.6	0.4	▬
Radeon HD 7660D + 6570 Dual	2.0	1.4	1.6	0.9	0.8	0.5	0.6	0.4	▬
Radeon HD 5670	1.9	1.4	1.6	0.9	0.7	0.5	0.6	0.4	▬
Radeon HD 5600/5700	1.9	1.4	1.6	0.9	0.7	0.5	0.6	0.4	▬
Radeon HD 7520G + 7700M Dual	1.9	1.4	1.5	0.9	0.7	0.5	0.6	0.4	▬
GeForce GTX 295	1.9	1.4	1.5	0.9	0.7	0.5	0.6	0.4	▬
Radeon HD 6670	1.9	1.3	1.5	0.9	0.7	0.5	0.6	0.4	▬
GeForce GT 445M	1.9	1.3	1.5	0.9	0.7	0.5	0.6	0.4	▬
Radeon HD 4850	1.9	1.3	1.5	0.9	0.7	0.5	0.6	0.4	▬
Radeon HD 4770	1.9	1.3	1.5	0.9	0.7	0.4	0.6	0.4	▬
Radeon HD 6700M	1.9	1.3	1.5	0.9	0.7	0.4	0.6	0.4	▬
Radeon HD 4830	1.8	1.3	1.5	0.9	0.7	0.4	0.6	0.3	▬
Radeon HD 7570	1.8	1.3	1.4	0.8	0.7	0.4	0.5	0.3	▬
Radeon HD 6800M	1.7	1.2	1.4	0.8	0.7	0.4	0.5	0.3	▬
GeForce GT 555M	1.7	1.2	1.4	0.8	0.7	0.4	0.5	0.3	▬
Radeon HD 7660D + 7670 Dual	1.7	1.2	1.4	0.8	0.7	0.4	0.5	0.3	▬
GeForce 9800 GTX+	1.7	1.2	1.3	0.8	0.6	0.4	0.5	0.3	▬
Radeon HD 3870 X2	1.7	1.2	1.3	0.8	0.6	0.4	0.5	0.3	▬
GeForce 9800 GTX/9800 GTX+	1.7	1.2	1.3	0.8	0.6	0.4	0.5	0.3	▬
GeForce GTS 250	1.6	1.2	1.3	0.8	0.6	0.4	0.5	0.3	▬
GeForce GT 640M	1.6	1.2	1.3	0.8	0.6	0.4	0.5	0.3	▬
GeForce 9800 GX2	1.6	1.1	1.3	0.7	0.6	0.4	0.5	0.3	▬
GeForce GTS 240	1.6	1.1	1.3	0.7	0.6	0.4	0.5	0.3	▬
GeForce 8800 GTS 512	1.6	1.1	1.2	0.7	0.6	0.4	0.5	0.3	▬
Radeon HD 7600M + 7600M Dual	1.5	1.1	1.2	0.7	0.6	0.4	0.5	0.3	▬
Radeon HD 7670M	1.5	1.1	1.2	0.7	0.6	0.4	0.5	0.3	▬
GeForce GT 340	1.5	1.1	1.2	0.7	0.6	0.4	0.5	0.3	▬
Radeon HD 7660D	1.5	1.1	1.2	0.7	0.6	0.4	0.5	0.3	▬
Mobility Radeon HD 5000	1.5	1.0	1.2	0.7	0.6	0.4	0.5	0.3	▬
GeForce GT 440	1.5	1.0	1.2	0.7	0.6	0.3	0.4	0.3	▬

GeForce GT 140	1.5	1.0	1.2	0.7	0.6	0.3	0.4	0.3	
7900 MOD - Radeon HD 6520G	1.4	1.0	1.2	0.7	0.5	0.3	0.4	0.3	
Radeon HD 7660G	1.4	1.0	1.1	0.7	0.5	0.3	0.4	0.3	
GeForce 8800 Ultra	1.4	1.0	1.1	0.7	0.5	0.3	0.4	0.3	
Radeon HD 7560D + 6570 Dual	1.4	1.0	1.1	0.7	0.5	0.3	0.4	0.3	
Radeon HD 7660G + 7610M Dual	1.4	1.0	1.1	0.7	0.5	0.3	0.4	0.3	
GeForce 8800 GT	1.4	1.0	1.1	0.7	0.5	0.3	0.4	0.3	
Radeon HD 7650A	1.4	1.0	1.1	0.7	0.5	0.3	0.4	0.3	
GeForce 8800 GTX	1.4	1.0	1.1	0.7	0.5	0.3	0.4	0.3	
Radeon HD 7660G + 7670M Dual	1.4	1.0	1.1	0.7	0.5	0.3	0.4	0.3	
GeForce 9600 GT	1.4	1.0	1.1	0.6	0.5	0.3	0.4	0.3	
Radeon HD 7660G + 7600M Dual	1.4	1.0	1.1	0.6	0.5	0.3	0.4	0.3	
GeForce GTS 360M	1.4	1.0	1.1	0.6	0.5	0.3	0.4	0.3	
Radeon HD 3850 X2	1.4	1.0	1.1	0.6	0.5	0.3	0.4	0.3	
Mobility Radeon HD 5850	1.4	1.0	1.1	0.6	0.5	0.3	0.4	0.3	