

## Benchmarking Comparison between Core i5 and Core M tablet CPUs

<b>Processor</b>	<b>Core M 5Y10c</b>	<b>Core i5 4202Y</b>	<b>Difference (%)</b>
<b>General Benchmarking</b>			
Boot up speed (s)	14.1	8.8	37.6
Shut down speed (s)	4.5	3.9	13.3
Battery life (active hours)	6	7	16.7
Battery life (standby hours)	48	48	0.0
<b>Web Browsing</b>			
SunSpider (on FireFox, ms)	258.2	228.7	11.4
SunSpider (on Chrome, ms)	312.3	265.9	14.9
Impact HTML5 (on FireFox)	6899	8470	22.8
Impact HTML5 (on Chrome)	6602	7755	17.5
<b>Development / Engineering</b>			
Linux Kernel compilation (allyesconfig, -j8)			
- Real time (min)	108	75	30.6
- User time (min)	307	217	29.3
- System time (min)	25	16	36.0
CERN Root Hepix Suite			
- Rootmarks	1234.3	1672.2	35.5
- Real time (s)	332.2	224.5	32.4
- System time (s)	225.7	166.6	26.2

## Hadronization Technologies

### Graphics Performance

Unigine Heaven (1920x1080, Low settings)

- Score	182	170	6.6
- FPS (average)	7.2	6.8	5.6
- FPS (minimum)	4.4	4.6	4.5
- FPS (maximum)	10.6	10.4	1.9

Geeks3D GPU Scores (1920x1080)

- FurMark rendering	275	153	44.4
- PixMark Piano rendering	62	48	22.6
- PixMark Volplosion rendering	194	130	33.0
- Plot3D rendering	4054	1091	73.1
- Triangle rendering	69301	47959	30.8

### Overall Difference

23.8