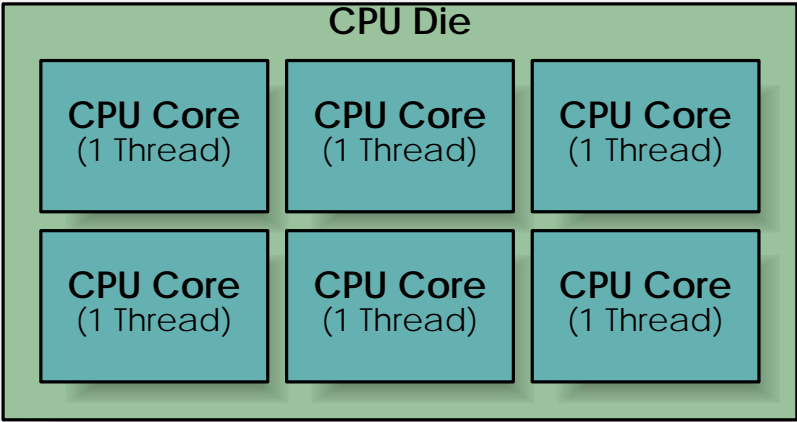
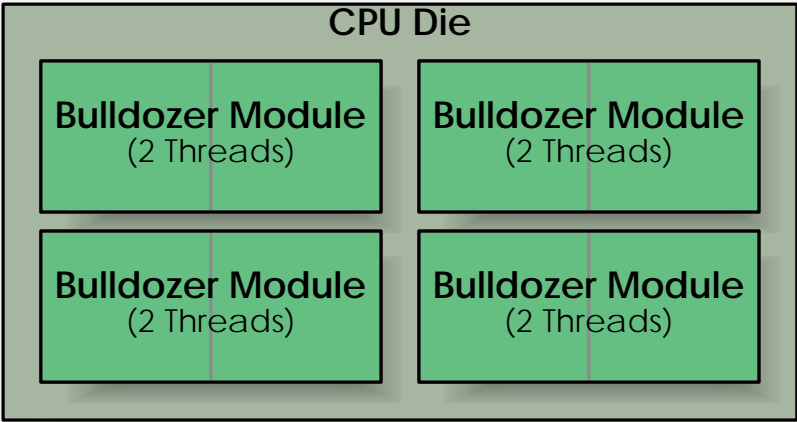
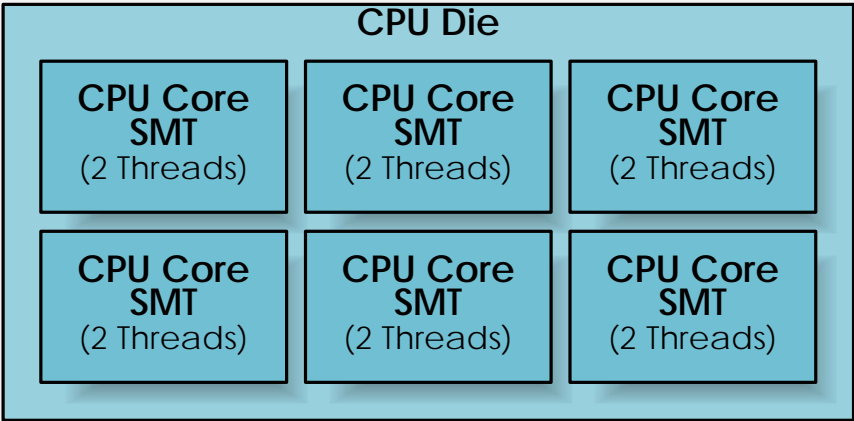


## Multithreading Architecture Comparison 2

<p><b>CMP</b> (Chip Multiprocessor)</p>	<p><b>Multi-core</b></p>	<p><b>CPU Die</b></p> 	<table border="1"> <tbody> <tr> <td>6</td> <td>Cores</td> </tr> <tr> <td>6</td> <td>Threads</td> </tr> </tbody> </table>	6	Cores	6	Threads		
6	Cores								
6	Threads								
<p><b>Cluster-based Multithreading</b></p>	<p><b>Bulldozer</b></p>	<p><b>CPU Die</b></p> 	<table border="1"> <tbody> <tr> <td>8</td> <td>Cores</td> </tr> <tr> <td>4</td> <td>Modules</td> </tr> <tr> <td>8</td> <td>Threads</td> </tr> </tbody> </table>	8	Cores	4	Modules	8	Threads
8	Cores								
4	Modules								
8	Threads								
<p><b>SMT</b> (Simultaneous Multithreading)</p>	<p><b>Hyper-Threading</b></p>	<p><b>CPU Die</b></p> 	<table border="1"> <tbody> <tr> <td>6</td> <td>Cores</td> </tr> <tr> <td>12</td> <td>Threads</td> </tr> </tbody> </table>	6	Cores	12	Threads		
6	Cores								
12	Threads								