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| **ParallelEnumerable Operator** | **Description** |
| [AsParallel<TSource>](https://msdn.microsoft.com/en-us/library/dd413602%28v=vs.110%29.aspx) | The entry point for PLINQ. Specifies that the rest of the query should be parallelized, if it is possible. |
| [AsSequential<TSource>](https://msdn.microsoft.com/en-us/library/dd383949%28v=vs.110%29.aspx) | Specifies that the rest of the query should be run sequentially, as a non-parallel LINQ query. |
| [AsOrdered<TSource>](https://msdn.microsoft.com/en-us/library/dd413357%28v=vs.110%29.aspx) | Specifies that PLINQ should preserve the ordering of the source sequence for the rest of the query, or until the ordering is changed, for example by the use of an orderby (Order By in Vlsual Basic) clause. |
| [AsUnordered<TSource>](https://msdn.microsoft.com/en-us/library/dd383653%28v=vs.110%29.aspx) | Specifies that PLINQ for the rest of the query is not required to preserve the ordering of the source sequence. |
| [WithCancellation<TSource>](https://msdn.microsoft.com/en-us/library/dd413259%28v=vs.110%29.aspx) | Specifies that PLINQ should periodically monitor the state of the provided cancellation token and cancel execution if it is requested. |
| [WithDegreeOfParallelism<TSource>](https://msdn.microsoft.com/en-us/library/dd383719%28v=vs.110%29.aspx) | Specifies the maximum number of processors that PLINQ should use to parallelize the query. |
| [WithMergeOptions<TSource>](https://msdn.microsoft.com/en-us/library/dd438099%28v=vs.110%29.aspx) | Provides a hint about how PLINQ should, if it is possible, merge parallel results back into just one sequence on the consuming thread. |
| [WithExecutionMode<TSource>](https://msdn.microsoft.com/en-us/library/dd642145%28v=vs.110%29.aspx) | Specifies whether PLINQ should parallelize the query even when the default behavior would be to run it sequentially. |
| [ForAll<TSource>](https://msdn.microsoft.com/en-us/library/dd383744%28v=vs.110%29.aspx) | A multithreaded enumeration method that, unlike iterating over the results of the query, enables results to be processed in parallel without first merging back to the consumer thread. |
| [Aggregate<TSource>](https://msdn.microsoft.com/en-us/library/dd383981%28v=vs.110%29.aspx) overload | An overload that is unique to PLINQ and enables intermediate aggregation over thread-local partitions, plus a final aggregation function to combine the results of all partitions. |