

.NET - Any Platform	7.0 2022	Generic Math	Cross-Platform Vector64/128/256	C# 11.0 2022	File-scoped types, Generic math support, Auto-default structs, Pattern match <code>Span<char></code> on a constant string, Extended <code>nameof</code> scope, <code>Numeric IntPtr</code> , UTF-8 string literals, Required members, <code>ref</code> fields and scoped <code>ref</code> , Raw string literals, Improved method group conversion to delegate, Warning wave 7, Generic attributes, Newlines in string interpolation expressions, List patterns	.NET - Any Platform			
		On Stack Replacement	Native AOT		C# 10.0 2021		Record structs, Improvements of structure types, Interpolated string handlers, global using directives, File-scoped namespace declaration, Extended property patterns, Improvements on lambda expressions, Allow const interpolated strings, Record types can seal <code>Tostring()</code> , Improved definite assignment, Allow both assignment and declaration in the same deconstruction, Allow <code>AsyncMethodBuilder</code> attribute on methods, <code>CallerArgumentExpression</code> attribute, Enhanced <code>#line</code> pragma		
		MAUI					C# 9.0 2020	Records, <code>Init</code> only setters, Top-level statements, Native sized integers, Function pointers, Suppress emitting <code>localsinit</code> flag, Target-typed new expressions, static anonymous functions, Target-typed conditional expressions, Covariant return types, Extension <code>GetEnumerator</code> support for <code>foreach</code> loops, Lambda discard parameters, Attributes on local functions, Support for code generators, Module initializers, New features for partial methods	
	6.0 2021	Improved FileStream	Crossgen2 (AOT)		C# 8.0 2019			Readonly members, Default interface methods, Switch expressions, Property patterns, Tuple patterns, Positional patterns, Using declarations, Static local functions, Disposable <code>ref</code> structs, Nullable reference types, Asynchronous streams, Indices and ranges, Null-coalescing assignment, Unmanaged constructed types, <code>Stackalloc</code> in nested expressions, Enhancement of interpolated verbatim strings	
		Dynamic PGO	Hot reload				C# 7.3 2018	Reassign <code>ref</code> local variables, Initializers on <code>stackalloc</code> arrays, Access fixed fields without pinning, <code>unmanaged</code> generic type constraints	
	5.0 2020	Single file apps	App trimming		CoreCLR			3.1 2019	Support for C++/CLI
	Unified platform	ARM64 for Windows	3.0 2019	Windows Desktop apps (WinForms, WPF)		Hardware intrinsics	Range Index	Blazor	
			2.2 2018	Runtime diagnostics improvements		ARM32 for Windows			
			2.1 2018	<code>Span<T></code>		Tiered JIT	SocketsHttpHandler		
			2.0 2017	RyuJIT x86		ARM32	.NET Standard 2.0		
			1.1 2016	Kestrel Web Server		Azure support	>Linux distros		
			1.0 2016	Unsafe	ASP.NET Core	Entity Framework Core			
.NET Core - Cross-platform		RyuJIT from .NET Core 2.1	ZLib 1.2.11	ARM64	4.8 2019			.NET Core - Cross-platform	
		Improved High DPI	ASP.NET Object Cache		4.7 2017				
		High DPI	HTTP/2	RyuJIT 64-bit	4.6 2015				
		Task-Based Async Model	UWP		4.5 2012				
		Task Parallel Library	Parallel LINQ		4.0 2010				
		LINQ	Expression Trees	Entity Framework		3.5 2007			
		WPF	WCF	WF	CardSpace	3.0 2006			
		Generics	ClickOnce	64-bit		2.0 2005			
		Debugger edit and continue				2.0 2005			
		.NET Compact Framework		IPv6		1.1 2003			
.NET Framework - Windows		WinForms	ASP.NET	ADO.NET	1.0 2002			.NET Framework - Windows	
		Base Class Library				1.0 2002			