ERRMSG: Failed to Load ASP.NET Core Runtime (.NET 6 / 7 / 8 / 9 /10)

OLDER .NET (.NET 5 / 6 / 7)

Please note that .NET 5, 6 and 7 are now end of life/end of support - any links to follow are for historic/legacy reasons only

CURRENT .NET (.NET 8 / 9 /10)

If you are building/testing/deploying .NET 5 / 6 / 7 / 8 / 9 /10 web apps with DotImage and you run into a 503 error about

Failed to load ASP.NET Core runtime

If you search this on the web you may find that the common wisdom is you need the requisite Hosting bundle from Microsoft

.NET 5(out of support),.NET 6,(out of support) .NET 7 (out of support), .NET 8, (long term support), .NET 9, .NET 10 (long term support)

HOWEVER, DotImage has a hard dependency on Windows forms which means you must install the **Desktop runtime** for the .NET framework in question

.NET 5.0 x86/x64 (no longer supported)

.NET 6 x64 / x86 (no longer supported)

.NET 7 x64 / x86 (no longer supported)

.NET 8.0 x64 / x86

.NET 9.0 x64/x86

.NET 10.0 x64/x86

NOTE that .NET 8 and .NET 10 are the ones in long term support - .NET 6 and 7 have ended support, .NET 9 will not be long term they do even numbers in LTS

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ALSO NOTE: DotImage 11.5.0.10 is the last to support .NET 6/7/8/9. Starting in DotImage 2026.2, .NET 10+ is supported.

.NET Framework

For .NET Framework please see INFO: .NET 4.x Deployment Errors

Last Update

2026-10-19 - TD - (fixed a bad link)

Atalasoft Knowledge Base
https://www.atalasoft.com/kb2/KB/50431/ERRMSG-Failed-to-Load-ASPNET-Core-Ru...