



SIEMENS EDA

ODB++ Viewer System Requirements

Release vNPI 2305
May 2023

Unpublished work. © 2023 Siemens

This Documentation contains trade secrets or otherwise confidential information owned by Siemens Industry Software Inc. or its affiliates (collectively, "Siemens"), or its licensors. Access to and use of this Documentation is strictly limited as set forth in Customer's applicable agreement(s) with Siemens. This Documentation may not be copied, distributed, or otherwise disclosed by Customer without the express written permission of Siemens, and may not be used in any way not expressly authorized by Siemens.

This Documentation is for information and instruction purposes. Siemens reserves the right to make changes in specifications and other information contained in this Documentation without prior notice, and the reader should, in all cases, consult Siemens to determine whether any changes have been made.

No representation or other affirmation of fact contained in this Documentation shall be deemed to be a warranty or give rise to any liability of Siemens whatsoever.

If you have a signed license agreement with Siemens for the product with which this Documentation will be used, your use of this Documentation is subject to the scope of license and the software protection and security provisions of that agreement. If you do not have such a signed license agreement, your use is subject to the Siemens Universal Customer Agreement, which may be viewed at <https://www.sw.siemens.com/en-US/sw-terms/base/uca/>, as supplemented by the product specific terms which may be viewed at <https://www.sw.siemens.com/en-US/sw-terms/supplements/>.

SIEMENS MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS DOCUMENTATION INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT OF INTELLECTUAL PROPERTY. SIEMENS SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, LOST DATA OR PROFITS, EVEN IF SUCH DAMAGES WERE FORESEEABLE, ARISING OUT OF OR RELATED TO THIS DOCUMENTATION OR THE INFORMATION CONTAINED IN IT, EVEN IF SIEMENS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

TRADEMARKS: The trademarks, logos, and service marks (collectively, "Marks") used herein are the property of Siemens or other parties. No one is permitted to use these Marks without the prior written consent of Siemens or the owner of the Marks, as applicable. The use herein of third party Marks is not an attempt to indicate Siemens as a source of a product, but is intended to indicate a product from, or associated with, a particular third party. A list of Siemens' Marks may be viewed at: www.plm.automation.siemens.com/global/en/legal/trademarks.html. The registered trademark Linux[®] is used pursuant to a sublicense from LMI, the exclusive licensee of Linus Torvalds, owner of the mark on a world-wide basis.

About Siemens Digital Industries Software

Siemens Digital Industries Software is a global leader in the growing field of product lifecycle management (PLM), manufacturing operations management (MOM), and electronic design automation (EDA) software, hardware, and services. Siemens works with more than 100,000 customers, leading the digitalization of their planning and manufacturing processes. At Siemens Digital Industries Software, we blur the boundaries between industry domains by integrating the virtual and physical, hardware and software, design and manufacturing worlds. With the rapid pace of innovation, digitalization is no longer tomorrow's idea. We take what the future promises tomorrow and make it real for our customers today. Where today meets tomorrow. Our culture encourages creativity, welcomes fresh thinking and focuses on growth, so our people, our business, and our customers can achieve their full potential.

Support Center: support.sw.siemens.com

Send Feedback on Documentation: support.sw.siemens.com/doc_feedback_form

Table of Contents

Chapter 1

ODB++ Viewer System Requirements 5

 Operating System Support..... 5

Chapter 1

ODB++ Viewer System Requirements

This document defines the minimum requirements and provides guidelines for the successful installation and operation of the ODB++ Viewer software.

Release documents are located at the top level of the install package and in the Downloads page of the ODB++Design website—refer to this page for the most up-to-date information, including the changes added after the release:

<https://odbplusplus.com/design/downloads/odb-d-viewer>

Operating System Support 5

Operating System Support

This release of ODB++ Viewer has been tested and qualified on the platforms listed below.

- Windows 10 Pro & Enterprise (64 bit)
- Windows 11 Enterprise (64 bit)
- Windows Server 2019 Standard (64 bit)
- Windows Server 2022 Standard (64 bit)

General Notes

- Specified patches below are minimum levels. Later versions of the patches are valid, supported configurations.
- Except as noted, all products are supported on all platforms.
- Processor and memory requirements vary based on the mix of applications being used, the design complexity, and infrastructure requirements. Individual needs may vary from those published below.

Processor Note for Intel/AMD Processors

All Windows and Linux OS variants run on Intel or AMD x86 or x64 processors. In the past, the processor GHz speed determined the performance, but recent changes in the internal architecture of both Intel and AMD processors have made these comparisons difficult. Therefore, the following recommendations are being made for all Windows and Linux systems:

- Supported processors and systems are those manufactured since 2006 which conform to the subsequent requirements.

- Intel Celeron processors are not recommended.
- Minimum requirement is a dual-core (or dual processor) system. A quad core is recommended for improved overall system performance. A hyper-threaded processor should be considered a single processor, not a dual processor.
- For best results, maximize processor speed and L1/L2/L3 processor cache memory.
- Typically, cost is the best indicator of performance, and extra investment in processor capability returns better system performance.

Microsoft Windows 10

Microsoft Windows 10 Pro and Enterprise are supported.

Kernel Configuration

Not applicable.

Processor

Dual-core Intel or AMD processor minimum. See “[Processor Note for Intel/AMD Processors](#)” on page 5.

Memory

8 GB recommended.

Swap Space

2x the amount of RAM.

Microsoft Windows 11

Microsoft Windows 11 Enterprise is supported.

Kernel Configuration

Not applicable.

Processor

Dual-core Intel or AMD processor minimum. See “[Processor Note for Intel/AMD Processors](#)” on page 5.

Memory

8 GB recommended.

Swap Space

2x the amount of RAM.

Windows Server 2019

Additional OS Patches

The following configurations are supported:

- Microsoft Windows Server 2019, with all current updates via Windows Update

Processor

Dual-core Intel or AMD processor minimum. See “[Processor Note for Intel/AMD Processors](#)” on page 5.

Memory

8 GB recommended per simultaneously logged in user.

Swap Space

2x the amount of RAM.

Windows Server 2022

Additional OS Patches

The following configurations are supported:

- Microsoft Windows Server 2022, with all current updates via Windows Update

Processor

Dual-core Intel or AMD processor minimum. See “[Processor Note for Intel/AMD Processors](#)” on page 5.

Memory

8 GB recommended per simultaneously logged in user.

Swap Space

2x the amount of RAM.

