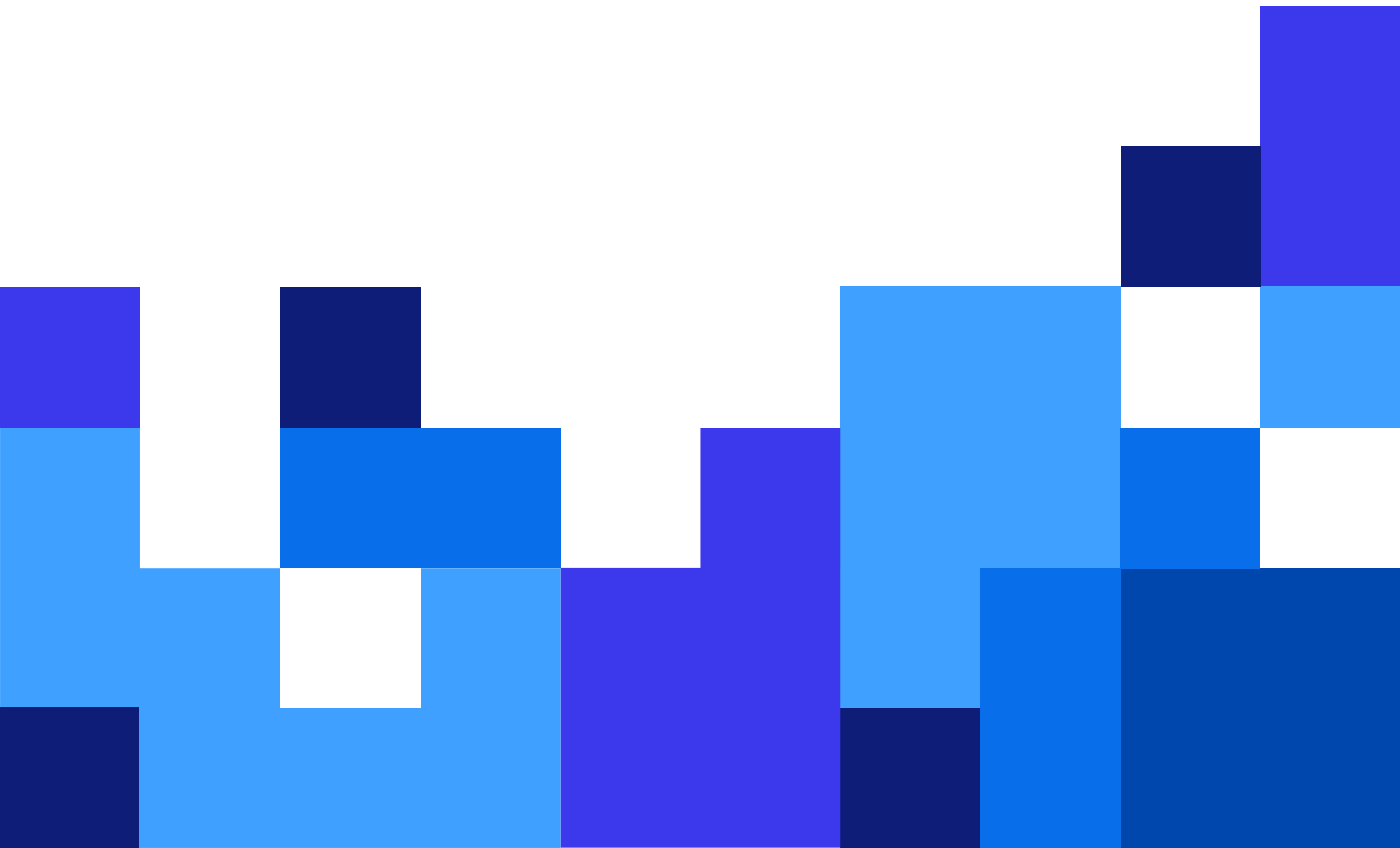


# System Requirements

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# Table of Contents

<b>1. System Requirement .....</b>	<b>3</b>
NiceLabel 10 .....	3
NiceLabel Control Center and NiceLabel Web Printing .....	4
NiceLabel printer drivers .....	5

# 1. System Requirement

Use **Minimum requirements** to print from simple NiceLabel solutions when no other applications are running on your system. Use **Recommended requirements** to use multiple printers and print large amounts of labels.

The optimal production environment configuration depends on your situation and the complexity of your individual labeling projects.

## NiceLabel 10

Applies to: NiceLabel Desktop Designer, NiceLabel Print, NiceLabel Automation, and NiceLabel Web Client.

	Minimum requirements	Recommended requirements
<b>CPU</b>	Intel or compatible x86 family processor.	Intel or compatible x86 family quad-core processor. <sup>(1)</sup>
<b>Memory (RAM)</b>	4 GB	8 GB <sup>(2)</sup>
<b>Available disk space</b>	5 GB	20 GB, SSD storage
<b>32-bit or 64-bit Windows operating system</b>	Windows: 11, 10, 8.1 Windows Server: 2022 <sup>(3)</sup> , 2019 <sup>(3)</sup> , 2016 <sup>(3)</sup>	Windows: 11, 10 Windows Server: 2022 <sup>(3)</sup> , 2019 <sup>(3)</sup>
<b>Microsoft .NET Framework</b>	Microsoft .NET Framework Version 4.7.2 or newer.	The latest Microsoft .NET Framework version.
<b>Display</b>	1366x768	1920x1080
<b>Recommended printer drivers</b>	NiceLabel printer drivers Version 7 or newer.	The latest NiceLabel printer driver version.

<sup>(1)</sup> Multiple cores enable faster printing and concurrent triggers in NiceLabelAutomation. Each core runs a print process independently.

<sup>(2)</sup> If you use multiple printers, you need at least 8 GB RAM for high-speed printing.

Use 4 GB memory for 1 print per second on several printers.

Use 8 GB or 16 GB memory for multiple prints per second on hundreds of printers.

<sup>(3)</sup> Windows Server Core and Windows Nano Server are not supported.

App-V is not supported. You can use NiceLabel applications in [Citrix environments](#).

Additional requirements:

- **Open port 6772 TCP/UDP** for inbound communications.

## NiceLabel Control Center and NiceLabel Web Printing

	Minimum requirements	Recommended requirements
<b>Memory (RAM)</b>	4 GB	16 GB <sup>(1)</sup>
<b>Available disk space</b>	10 GB	100 GB, SSD storage <sup>(2)</sup>
<b>32-bit or 64-bit Windows operating system</b>	Windows: 11, 10, 8.1	Windows: 11, 10, 8.1
	Windows Server: 2022 <sup>(3)</sup> , 2019 <sup>(3)</sup> , 2016 <sup>(3)</sup>	Windows Server: 2022 <sup>(3)</sup> , 2019 <sup>(3)</sup>
	Windows Home editions are not supported.	Windows Home editions are not supported.
<b>Microsoft .NET<sup>(5)</sup></b>	Microsoft .NET Version 8.0.2	Microsoft .NET Version 8.0.2
<b>Database server</b>	Microsoft SQL Server: 2022, 2019, 2017, 2016	Microsoft SQL Server: 2022, 2019, 2017
	SQL Express editions are also supported <sup>(4)</sup> .	SQL Express editions are also supported <sup>(4)</sup> .
<b>Internet Information Services (IIS)</b>	V7	The latest version
<b>Supported browsers</b>	Microsoft Edge, Google Chrome, Mozilla Firefox, or Safari.	The latest versions of Microsoft Edge, Google Chrome, Mozilla Firefox, or Safari.

<sup>(1)</sup> If you use multiple printers, you need 16 GB RAM for high-speed printing.

Use 4 GB memory for occasional printing.

Use 8 GB memory for 1 print per second to several printers.

Use 16 GB memory for multiple prints per second to hundreds of printers.

<sup>(2)</sup> Printing logs and your printing solutions take additional disk space. If you install SQL database on the same server as Control Center, you need more storage.

<sup>(3)</sup> Windows Server Core and Windows Nano Server are not supported.

<sup>(4)</sup> SQL Express is free but has a 10 GB database size limit. Your growing printing logs may exceed this limit.

Additional requirements for Control Center and Web Printing:

- **Default web site enabled in IIS** for Control Center.
- **Using port 80 (HTTP) or port 443 (HTTPS)**. Running Control Center on other ports is not supported.
- **Open port 6773 TCP/UDP** for inbound communications.
- **Support for WebDAV protocol:** Windows 10 enables support out of the box. You have to add support for Windows Server operating systems. See details in this [KB article](#).
- **JavaScript available:** Enable **Active scripting** under **Internet options > Security > Internet zone > Custom level... > Scripting**.
- To use **Digital Signatures**, the computer where you install Control Center must be able to authenticate users. NiceLabel calls the LogonUserW function from Windows API to attempt to log users onto the local computer and validate the provided credentials.
- Allow **HTTP verbs**:
  - **HEAD**
  - **OPTIONS**

<sup>(5)</sup> Only for Control Center.

## NiceLabel printer drivers

- **32-bit or 64-bit Windows operating systems:** Windows: 11, 10, 8.1. Windows Server: 2022<sup>(1)</sup>, 2019<sup>(1)</sup>, 2016<sup>(1)</sup>

<sup>(1)</sup> Windows Server Core and Windows Nano Server are not supported.