

# Kofax RPA

## Technical Specifications

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The logo for KOFAX, consisting of the word "KOFAX" in a bold, blue, sans-serif font.

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# Document revision history

Date	Revision	Description
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## Chapter 1

# About Kofax RPA Technical Specifications

Kofax RPA is an extensible RPA platform that connects into other Kofax technologies including Kofax TotalAgility business process management (BPM), Kofax Capture (OCR) and Transformation, as well as third-party cognitive services. The technical specifications in this document are specific to Kofax RPA 11.2.x.

The amount of memory and disk space required to support your Kofax RPA system is listed in this document. These requirements concern only the needs of Kofax RPA and do not include the amount of memory or disk space you require for the operating system, environment, or other software that runs on the same computer.

This document provides the requirements for the following parts:

- Kofax RPA Design Studio
- Kofax RPA Desktop Automation Service for Windows
- Kofax RPA RoboServer
- Kofax RPA Management Console
- Kofax RPA Kapplets
- Kofax RPA Process Discovery

**Note** Starting Kofax RPA 11.2.0, support for a 32-bit version of Windows is removed for Design Studio, Management Console, RoboServer, Process Discovery Analyzer, Kapplets, and Desktop Automation Service for Windows.

## Chapter 2

# Product requirements

## Design Studio and RoboServer

### Kofax RPA Design Studio for Windows

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"><li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li><li>• 8GB RAM</li><li>• 2GB free disk space for installation</li><li>• 5GB free disk space for operation</li></ul> <p>Recommended:</p> <ul style="list-style-type: none"><li>• Intel Core i5 4 Cores 4 Threads 2.8 GHz</li><li>• 16GB RAM</li><li>• 2GB free disk space for installation</li><li>• 5GB free disk space for operation</li></ul>
Client operating systems	<ul style="list-style-type: none"><li>• Microsoft Windows 10 Enterprise (64-bit)</li></ul>
Languages supported	<ul style="list-style-type: none"><li>• English</li><li>• French</li><li>• Japanese</li></ul>

## Kofax RPA RoboServer for Windows

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"><li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li><li>• 8GB RAM</li><li>• 2GB free disk space for installation</li><li>• 5GB free disk space for operation</li></ul> <p>Recommended:</p> <ul style="list-style-type: none"><li>• Intel Core i5 4 Cores 4 Threads 2.8 GHz</li><li>• 16GB RAM</li><li>• 2GB free disk space for installation</li><li>• 5GB free disk space for operation</li></ul>
Client operating systems	<ul style="list-style-type: none"><li>• Microsoft Windows 10 Enterprise (64-bit)</li><li>• Microsoft Windows Server 2016</li><li>• Microsoft Windows Server 2019</li></ul>
Languages supported	<ul style="list-style-type: none"><li>• English</li><li>• French</li><li>• Japanese</li></ul>

## Kofax RPA Design Studio and RoboServer for Linux

Specification	Description
Hardware	<ul style="list-style-type: none"><li>• See hardware requirements for Windows</li></ul>
Client operating systems	<ul style="list-style-type: none"><li>• *CentOS/Red Hat Enterprise Linux 7.x</li><li>• Ubuntu 16.04 LTS</li></ul> <p>*CentOS will be deprecated from Kofax RPA 11.3.0.</p>
Required third-party technologies	<ul style="list-style-type: none"><li>• Ubuntu 16.04 LTS with OpenSSL 1.0.2 only</li><li>• libX11.so.6</li><li>• libGL.so.1</li><li>• libXext.so.6</li></ul> <p>To use cross-platform authentication (Negotiate and NTLM protocols), your Linux installation must include one of the following Generic Security Service API (GSS-API) libraries, corresponding to the installation:</p> <ul style="list-style-type: none"><li>• libgssapi_krb5.so.2</li><li>• libgssapi.so.4</li><li>• libgssapi.so.2</li><li>• libgssapi.so.1</li></ul>
Languages supported	<ul style="list-style-type: none"><li>• English</li><li>• French</li><li>• Japanese</li></ul>

## Kofax RPA RoboServer for Docker

Specification	Description
Hardware	<ul style="list-style-type: none"><li>• See hardware requirements for Windows</li></ul>
Client operating systems	<ul style="list-style-type: none"><li>• N/A</li></ul>
Required third-party technologies	<ul style="list-style-type: none"><li>• Docker 17 and higher</li><li>• Docker-Compose 1.19 and higher</li></ul>
Languages supported	<ul style="list-style-type: none"><li>• English</li></ul>



## Desktop Automation

### Kofax RPA Desktop Automation Service for Windows

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"><li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li><li>• 8GB RAM</li><li>• 2GB free disk space for installation</li><li>• 5GB free disk space for operation</li></ul> <p>Recommended:</p> <ul style="list-style-type: none"><li>• Follow the requirements of the applications to be automated</li></ul>
Client operating systems	<ul style="list-style-type: none"><li>• Microsoft Windows 10 Pro or Enterprise (64-bit)</li></ul>
Server operating systems	<ul style="list-style-type: none"><li>• Microsoft Windows Server 2016</li><li>• Microsoft Windows Server 2019</li></ul>
Required third-party technologies	<p>.NET version 4.5</p> <p><b>Note</b> If you get the "Module automation native not found" error, see the <i>Kofax RPA Installation Guide</i> for more information.</p>
Languages supported	<ul style="list-style-type: none"><li>• English</li><li>• French</li><li>• Japanese</li></ul>

## RoboServer and Management Console

### Kofax RPA Management Console deployed in an application server

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li> <li>• 8GB RAM</li> <li>• 2GB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul> <p>Recommended:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 4 Cores 4 Threads 2.8 GHz</li> <li>• 16GB RAM</li> <li>• 2GB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul>
Browser	<ul style="list-style-type: none"> <li>• Google Chrome version 72 and higher</li> <li>• Mozilla Firefox version 88 and higher</li> </ul>
Web application servers	<ul style="list-style-type: none"> <li>• Apache Tomcat 8.5.55 64 bit running on either: <ul style="list-style-type: none"> <li>• Oracle Java SE 11.0.2 LTS runtime</li> <li>• AdoptOpenJDK 11.0.9.1_1</li> </ul> </li> <li>• IBM WebSphere 8.5 with Java 11</li> </ul>
DBMS	<ul style="list-style-type: none"> <li>• *Oracle 18.4</li> <li>• Oracle 19c</li> <li>• Oracle 21c</li> <li>• *Microsoft SQL Server 2016</li> <li>• Microsoft SQL Server 2017</li> <li>• Microsoft SQL Server 2019</li> </ul> <p><b>Note</b> Windows Integrated Authentication only works when the underlying operating system is Windows-based.</p> <ul style="list-style-type: none"> <li>• MySQL 5.7</li> <li>• MySQL 8.0</li> <li>• Postgres 10.16</li> <li>• Postgres 13.2</li> </ul> <p>*Deprecated from Kofax RPA 11.3.0</p>

Specification	Description
Git integration	<p>The Robot Lifecycle Management functionality requires access to a Git repository. The following Git services have been tested:</p> <ul style="list-style-type: none"><li>• Git 2.30.0 to 2.31.1</li><li>• BitBucket</li><li>• GitHub</li></ul>
SSO integration	<p>The Management Console SSO integration is based on the SAML standard and has been verified against the below providers:</p> <ul style="list-style-type: none"><li>• Okta</li><li>• SimpleSAML</li><li>• OneLogin</li></ul>
Compatible Kofax software	<ul style="list-style-type: none"><li>• Kofax Insight 6.3.0</li></ul> <div data-bbox="902 829 1451 961" style="background-color: #f0f0f0; padding: 5px;"><p><b>Note</b> For Kofax Insight products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version information.</p></div> <ul style="list-style-type: none"><li>• Kofax TotalAgility 7.6.x</li><li>• Kofax TotalAgility 7.7.x</li><li>• Kofax TotalAgility 7.8.x</li><li>• Kofax TotalAgility 7.9.x</li></ul> <p>For more information, see the <i>Kofax TotalAgility Technical Specifications</i>.</p>
Languages supported	<ul style="list-style-type: none"><li>• English</li><li>• French</li><li>• Japanese</li></ul>

## Kofax RPA Kapplets in an application server

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li> <li>• 8GB RAM</li> <li>• 2GB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul> <p>Recommended:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 4 Cores 4 Threads 2.8 GHz</li> <li>• 16GB RAM</li> <li>• 2GB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul>
Browser	<ul style="list-style-type: none"> <li>• Google Chrome version 75 and higher</li> <li>• Mozilla Firefox version 88 and higher</li> </ul>
Web application servers	<p>Apache Tomcat 8.5.55 64 bit running on either:</p> <ul style="list-style-type: none"> <li>• Oracle Java SE 11.0.2 LTS runtime</li> <li>• AdoptOpenJDK 11.0.9.1_1</li> </ul>
DBMS	<ul style="list-style-type: none"> <li>• * Oracle 18.4</li> <li>• Oracle 19c</li> <li>• Oracle 21c</li> <li>• *Microsoft SQL Server 2016</li> <li>• Microsoft SQL Server 2017</li> <li>• Microsoft SQL Server 2019</li> </ul> <p><b>Note</b> Windows Integrated Authentication only works when the underlying operating system is Windows-based.</p> <ul style="list-style-type: none"> <li>• MySQL 5.7</li> <li>• MySQL 8.0</li> <li>• Postgres 10.16</li> <li>• Postgres 13.2</li> </ul> <p>*Deprecated from Kofax RPA 11.3.0</p>
Languages supported	<ul style="list-style-type: none"> <li>• English</li> <li>• French</li> <li>• Japanese</li> </ul>

## Kofax RPA Management Console for Docker

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> <li>• Intel Core Duo 1.8 GHz CPU (or AMD equivalent)</li> <li>• 4GB RAM</li> <li>• 2GB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul> <p>Recommended:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 4 Cores 4 Threads 2.8 GHz</li> <li>• 8GB RAM</li> <li>• 2GB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul>
Browser	<ul style="list-style-type: none"> <li>• Google Chrome version 72 and higher</li> <li>• Mozilla Firefox version 88 and higher</li> </ul>
Required third-party technologies	<ul style="list-style-type: none"> <li>• Docker 17 and higher</li> <li>• Docker-Compose 1.19 and higher</li> </ul>
DBMS	<ul style="list-style-type: none"> <li>• *Oracle 18.4</li> <li>• Oracle 19c</li> <li>• Oracle 21c</li> <li>• * Microsoft SQL Server 2016</li> <li>• Microsoft SQL Server 2017</li> <li>• Microsoft SQL Server 2019</li> </ul> <p><b>Note</b> Windows Integrated Authentication does not work when Management Console runs in a Docker container.</p> <ul style="list-style-type: none"> <li>• MySQL 5.7</li> <li>• MySQL 8.0</li> <li>• Postgres 10.16</li> <li>• Postgres 13.2</li> </ul> <p>*Deprecated from Kofax RPA 11.3.0</p>
Git integration	<p>The Robot Lifecycle Management functionality requires access to a Git repository. The following Git services have been tested:</p> <ul style="list-style-type: none"> <li>• Git 2.30.0 to 2.31.1</li> <li>• BitBucket</li> <li>• GitHub</li> </ul>

Specification	Description
SSO integration	<p>The Management Console SSO integration is based on the SAML standard and has been verified against the following providers:</p> <ul style="list-style-type: none"><li>• Okta</li><li>• SimpleSAML</li><li>• OneLogin</li></ul>
Compatible Kofax software	<ul style="list-style-type: none"><li>• Kofax Insight 6.3.0</li></ul> <div data-bbox="902 604 1450 737"><p><b>Note</b> For Kofax Insight products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version information.</p></div> <ul style="list-style-type: none"><li>• Kofax TotalAgility 7.6.x</li><li>• Kofax TotalAgility 7.7.x</li><li>• Kofax TotalAgility 7.8.x</li><li>• Kofax TotalAgility 7.9.x</li></ul> <p>For more information, see the <i>Kofax TotalAgility Technical Specifications</i>.</p>
Languages supported	<ul style="list-style-type: none"><li>• English</li><li>• French</li><li>• Japanese</li></ul>

## Kofax RPA RoboServer

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li> <li>• 8GB RAM</li> <li>• 2GB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul> <p>Recommended:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 4 Cores 4 Threads 2.8 GHz</li> <li>• 16GB RAM</li> <li>• 2GB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul>
DBMS	<ul style="list-style-type: none"> <li>• *Oracle 18.4</li> <li>• Oracle 19c</li> <li>• Oracle 21c</li> <li>• * Microsoft SQL Server 2016</li> <li>• Microsoft SQL Server 2017</li> <li>• Microsoft SQL Server 2019</li> </ul> <p><b>Note</b> Windows Integrated Authentication only works when the underlying operating system is Windows based.</p> <ul style="list-style-type: none"> <li>• MySQL 5.7</li> <li>• MySQL 8.0</li> <li>• Postgres 10.16</li> <li>• Postgres 13.2</li> </ul> <p>*Deprecated from Kofax RPA 11.3.0</p>
Compatible Kofax software	<ul style="list-style-type: none"> <li>• Kofax Insight 6.3.0</li> </ul> <p><b>Note</b> For Kofax Insight products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version information.</p> <ul style="list-style-type: none"> <li>• Kofax TotalAgility 7.6.x</li> <li>• Kofax TotalAgility 7.7.x</li> <li>• Kofax TotalAgility 7.8.x</li> <li>• Kofax TotalAgility 7.9.x</li> </ul> <p>For more information, see the <i>Kofax TotalAgility Technical Specifications</i>.</p>
Languages supported	English

## Process Discovery

### Kofax RPA Process Discovery Analyzer for Windows

Specification	Description
Hardware	Minimum: <ul style="list-style-type: none"> <li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li> <li>• 8GB RAM</li> <li>• 800MB free disk space for installation</li> <li>• 10GB free disk space for operation</li> </ul> Recommended: <ul style="list-style-type: none"> <li>• Intel Core i7 8 Cores 16 Threads 3.8 GHz</li> <li>• 32GB RAM</li> <li>• 800MB free disk space for installation</li> <li>• 10GB free disk space for operation</li> </ul>
Client operating systems	Microsoft Windows 10 (64-bit)
Server operating systems	<ul style="list-style-type: none"> <li>• Microsoft Windows Server 2016</li> <li>• Microsoft Windows Server 2019</li> </ul>
Languages supported	English

### Kofax RPA Process Discovery Analyzer for Linux

Specification	Description
Hardware	Minimum: <ul style="list-style-type: none"> <li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li> <li>• 8GB RAM</li> <li>• 800MB free disk space for installation</li> <li>• 10GB free disk space for operation</li> </ul> Recommended: <ul style="list-style-type: none"> <li>• Intel Core i7 8 Cores 16 Threads 3.8 GHz</li> <li>• 32GB RAM</li> <li>• 800MB free disk space for installation</li> <li>• 10GB free disk space for operation</li> </ul>
Operating systems	<ul style="list-style-type: none"> <li>• *CentOS/Red Hat Enterprise Linux 7.3.x &gt;= 7.8</li> <li>• Ubuntu 16.04 LTS</li> </ul> *CentOS will be deprecated from Kofax RPA 11.3.0.
Languages supported	English



Specification	Description
Required third party technologies	<p>*CentOS:</p> <ul style="list-style-type: none"> <li>• libgomp 4.4.7</li> <li>• libgfortran 4.4.7</li> <li>• libgcc 4.4.7</li> <li>• readline 6.0</li> </ul> <p>*Deprecated from Kofax RPA 11.3.0.</p> <p>Ubuntu:</p> <ul style="list-style-type: none"> <li>• libgomp1</li> <li>• libgfortran3</li> <li>• libgcc1</li> <li>• libreadline5</li> </ul>

## Kofax RPA Process Discovery Analyzer for Docker

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li> <li>• 8GB RAM</li> <li>• 800MB free disk space for installation</li> <li>• 10GB free disk space for operation</li> </ul> <p>Recommended:</p> <ul style="list-style-type: none"> <li>• Intel Core i7 8 Cores 16 Threads 3.8 GHz</li> <li>• 32GB RAM</li> <li>• 800MB free disk space for installation</li> <li>• 10GB free disk space for operation</li> </ul>
Required third party technologies	<ul style="list-style-type: none"> <li>• Docker 17 and up</li> </ul>
Languages supported	English

## Kofax RPA Process Discovery Agent for Windows

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 2.8 GHz CPU (or AMD equivalent)</li> <li>• 8GB RAM</li> <li>• 80MB free disk space for installation</li> <li>• 1GB free disk space for operation</li> </ul> <p>Recommended:</p> <ul style="list-style-type: none"> <li>• Intel Core i5 4 Cores 4 Threads 2.8 GHz</li> <li>• 16GB RAM</li> <li>• 80MB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul>
Required third-party technologies	.NET Version 3.5 and up
Client operating systems	Microsoft Windows 10 (64-bit)
Server operating systems	<ul style="list-style-type: none"> <li>• Microsoft Windows Server 2016</li> <li>• Microsoft Windows Server 2019</li> </ul>
Languages supported	<ul style="list-style-type: none"> <li>• English</li> <li>• French</li> <li>• Japanese</li> </ul>

## Kofax Analytics for RPA

Specification	Description
Hardware	See the <i>Kofax Insight Technical Specifications</i>
DBMS	<ul style="list-style-type: none"> <li>• Microsoft SQL Server 2005 or higher, including Microsoft SQL Server 2019</li> <li>• MySQL 5.6 or higher</li> </ul>
Compatible Kofax software	Kofax Insight 6.3.0
Languages supported	<ul style="list-style-type: none"> <li>• English</li> <li>• French</li> <li>• Japanese</li> </ul>

## Document Transformation

Specification	Description
Coexistence with other Kofax products	The transformation component of Kofax RPA (Thin Client Server, Document TransformationServer, Project builder) and the transformation modules of Kofax TotalAgility cannot be installed on the same computer as Kofax Transformation modules.
Further requirements	See the Technical Specifications for Kofax TotalAgility for further specification.