

# Kofax RPA

## Technical Specifications

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# 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, 10.4.x

A required amount of memory and disk space is provided. You must meet these requirements to support your Kofax RPA system. These requirements specifically list the needs of Kofax RPA and do not include any amount of memory or disk space you require for the operating system, environment, or other software that runs on the same machine.

This document provides the requirements for the following parts:

- Kofax RPA Design Studio for Windows
- Kofax RPA Design studio for Linux
- Kofax RPA Desktop Automation Service for Windows
- Kofax RPA RoboServer for Windows
- Kofax RPA RoboServer for Linux
- Kofax RPA RoboServer for Docker
- Kofax RPA Management Console, KappZone and Kapplets standalone
- Kofax RPA Management Console for Docker

# Product requirements

## Design Studio and RoboServer

### Kofax RPA Design Studio for Windows

Specification	Description
<b>Hardware</b>	<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>
<b>Client Operating Systems</b>	<ul style="list-style-type: none"> <li>• WINDOWS 7 ENTERPRISE (32-BIT)</li> <li>• WINDOWS 7 ENTERPRISE (64-BIT)</li> <li>• WINDOWS 7 PROFESSIONAL (32-BIT)</li> <li>• WINDOWS 7 PROFESSIONAL (64-BIT)</li> <li>• WINDOWS 7 ULTIMATE (32-BIT)</li> <li>• WINDOWS 7 ULTIMATE (64-BIT)</li> <li>• WINDOWS 10 ENTERPRISE (64-BIT)</li> </ul>
<b>Languages supported</b>	<ul style="list-style-type: none"> <li>• English</li> <li>• Japanese (for Design Studio only)</li> </ul>

### Kofax RPA RoboServer for Windows

Specification	Description
<b>Hardware</b>	<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>

Specification	Description
	<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>
<b>Client Operating Systems</b>	<ul style="list-style-type: none"> <li>• WINDOWS 7 ENTERPRISE (32-BIT)</li> <li>• WINDOWS 7 ENTERPRISE (64-BIT)</li> <li>• WINDOWS 7 PROFESSIONAL (32-BIT)</li> <li>• WINDOWS 7 PROFESSIONAL (64-BIT)</li> <li>• WINDOWS 7 ULTIMATE (32-BIT)</li> <li>• WINDOWS 7 ULTIMATE (64-BIT)</li> <li>• WINDOWS 10 ENTERPRISE (64-BIT)</li> <li>• WINDOWS SERVER 2016</li> <li>• WINDOWS SERVER 2019</li> </ul>
<b>Languages supported</b>	<ul style="list-style-type: none"> <li>• English</li> <li>• Japanese (for Design Studio only)</li> </ul>

## Kofax RPA Design Studio and RoboServer for Linux

Specification	Description
<b>Hardware</b>	<ul style="list-style-type: none"> <li>• See hardware requirements for Windows</li> </ul>
<b>Client Operating Systems</b>	<ul style="list-style-type: none"> <li>• CENTOS/RED HAT ENTERPRISE LINUX 7.X</li> <li>• UBUNTU 14.04 LTS</li> <li>• UBUNTU 16.04 LTS</li> </ul>
<b>Required Third Party Technologies</b>	<ul style="list-style-type: none"> <li>• UBUNTU 16.04 LTS WITH OPENSLL 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 GENERIC SECURITY SERVICE API (GSS-API) LIBRARIES:</p> <ul style="list-style-type: none"> <li>• LIBGSSAPI_KRB5.SO.2</li> <li>• LIBGSSAPI.SO.4</li> </ul>

Specification	Description
	<ul style="list-style-type: none"> <li>LIBGSSAPI.SO.2</li> <li>LIBGSSAPI.SO.1</li> </ul>
<b>Languages supported</b>	<ul style="list-style-type: none"> <li>English</li> <li>Japanese (for Design Studio only)</li> </ul>

## Kofax RPA RoboServer for Docker

Specification	Description
<b>Hardware</b>	<ul style="list-style-type: none"> <li>See hardware requirements for Windows</li> </ul>
<b>Client Operating Systems</b>	<ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>Required Third Party Technologies</b>	<ul style="list-style-type: none"> <li>DOCKER 17 AND UP</li> <li>DOCKER-COMPOSE 1.19 AND UP</li> </ul>
<b>Languages supported</b>	<ul style="list-style-type: none"> <li>English</li> </ul>

## Desktop Automation

### Kofax RPA Desktop Automation Service Windows

Specification	Description
<b>Hardware</b>	<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>Requirements based on the requirements of the applications automated</li> </ul>
<b>Client Operating Systems</b>	<ul style="list-style-type: none"> <li>Windows 7 (32-bit)</li> <li>Windows 7 (64-bit)</li> </ul>

Specification	Description
	<ul style="list-style-type: none"> <li>WINDOWS 10 (64-BIT)</li> </ul>
<b>Server Operating Systems</b>	<ul style="list-style-type: none"> <li>WINDOWS SERVER 2012</li> <li>WINDOWS SERVER 2016</li> </ul>
<b>Required Third Party Technologies</b>	.NET Version 4.5 <i>If you get the error "Module automation native not found," please see the Install guide for further information.</i>
<b>Languages supported</b>	English

## RoboServer and Management Console

Kofax RPA Management Console, KappZone and Kapplets deployed in an application server

Specification	Description
<b>Hardware</b>	<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>
<b>Browser</b>	<ul style="list-style-type: none"> <li>Internet Explorer version 11;</li> <li>Chrome version 72 and later;</li> <li>Firefox version 65 and later;</li> </ul>
<b>Web Application Servers</b>	<ul style="list-style-type: none"> <li>Apache Tomcat 8.5 running on either: <ul style="list-style-type: none"> <li>Oracle Java SE 1.8 runtime</li> <li>Oracle Java SE 11.0.2 LTS runtime</li> <li>OpenJDK 1.8 runtime</li> </ul> </li> <li>IBM WebSphere 8.5 with Java 1.8</li> </ul>
<b>DBMS</b>	<ul style="list-style-type: none"> <li>Oracle 11g R1</li> <li>Oracle 12c</li> <li>DB 2 9.7</li> <li>Microsoft SQL Server 2014</li> </ul>



Specification	Description
	<ul style="list-style-type: none"> <li>• Microsoft SQL Server 2016</li> <li>• Microsoft SQL Server 2017 <ul style="list-style-type: none"> <li>○ Note that Windows Integrated Authentication only works when the underlying operating system is Windows based</li> </ul> </li> <li>• MySQL 5.5 - 5.7</li> <li>• MySQL 8.0</li> <li>• Postgres 10.5</li> </ul> <p>For DB2 stored procedures written with "LANGUAGE RPGLE" are not supported. Use "LANGUAGE SQL" instead.</p>
<b>Git integration</b>	<p>The RLM functionality requires access to a Git repository.</p> <ul style="list-style-type: none"> <li>• Git 2.8.1 to 2.20.0</li> <li>• BitBucket</li> <li>• GitHub</li> </ul>
<b>SSO integration</b>	<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>
<b>Compatible Kofax Software</b>	<ul style="list-style-type: none"> <li>• Kofax Insight 6.1</li> </ul> <p>For Kofax Insights products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version details.</p> <ul style="list-style-type: none"> <li>• Kofax Total Agility 7.5.x</li> </ul> <p>Check Kofax Total Agility Technical Specification.</p>
<b>Languages supported</b>	English

## Kofax RPA Management Console for Docker

Specification	Description
<b>Hardware</b>	<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> </ul>

Specification	Description
	<ul style="list-style-type: none"> <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>
<b>Browser</b>	<ul style="list-style-type: none"> <li>• Internet Explorer version 11;</li> <li>• Chrome version 72 and later;</li> <li>• Firefox version 65 and later</li> </ul>
<b>Required Third Party Technologies</b>	<ul style="list-style-type: none"> <li>• DOCKER 17 AND UP</li> <li>• DOCKER-COMPOSE 1.19 AND UP</li> </ul>
<b>DBMS</b>	<ul style="list-style-type: none"> <li>• Oracle 11g R1</li> <li>• Oracle 12c</li> <li>• DB 2 9.7</li> <li>• Microsoft SQL Server 2014</li> <li>• Microsoft SQL Server 2016</li> <li>• Microsoft SQL Server 2017 <ul style="list-style-type: none"> <li>○ Note that Windows Integrated Authentication does not work when Management Console runs in a Docker container</li> </ul> </li> <li>• MySQL 5.5 - 5.7</li> <li>• MySQL 8.0</li> <li>• Postgres 10.5</li> </ul> <p>For DB2 stored procedures written with "LANGUAGE RPGLE" are not supported. Use "LANGUAGE SQL" instead.</p>
<b>Git integration</b>	<p>The RLM functionality requires access to a Git repository. We have tested with the below Git services</p> <ul style="list-style-type: none"> <li>• Git 2.8.1 to 2.20.1</li> <li>• BitBucket</li> <li>• GitHub</li> </ul>
<b>SSO integration</b>	<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>

Specification	Description
<b>Compatible Kofax Software</b>	<ul style="list-style-type: none"> <li>• Kofax Insight 6.1</li> </ul> <p>For Kofax Insights products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version details.</p> <ul style="list-style-type: none"> <li>• Kofax Total Agility 7.5.x</li> </ul> <p>Check Kofax Total Agility Technical Specification.</p>
<b>Languages supported</b>	English

## Process Discovery

### Kofax RPA Process Discovery Analyzer for Windows

Specification	Description
<b>Hardware</b>	<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>• 100MB 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>• 100MB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul>
<b>DBMS</b>	<ul style="list-style-type: none"> <li>• MySQL 5.7</li> <li>• MySQL 8.0</li> </ul>
<b>Compatible Kofax Software</b>	<ul style="list-style-type: none"> <li>• Kofax Insight 6.1</li> </ul>
<b>Client Operating Systems</b>	<ul style="list-style-type: none"> <li>• Windows 7 (32/64-bit)</li> <li>• *Windows 8 (32/64-bit)</li> <li>• WINDOWS 10 (32/64-bit)</li> </ul> <p>*Will be deprecated from RPA release 10.7</p>
<b>Server Operating Systems</b>	<ul style="list-style-type: none"> <li>• WINDOWS SERVER 2012</li> <li>• WINDOWS SERVER 2016</li> </ul>
<b>Languages supported</b>	English

### Kofax RPA Process Discovery Analyzer for Linux

Specification	Description
<b>Hardware</b>	<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>• 100MB free disk space for installation</li> <li>• 1GB free disk space for operation</li> </ul>

Specification	Description
	<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>• 100MB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul>
<b>DBMS</b>	<ul style="list-style-type: none"> <li>• MySQL 5.7</li> <li>• MySQL 8.0</li> </ul>
<b>Compatible Kofax Software</b>	<ul style="list-style-type: none"> <li>• Kofax Insight 6.1</li> </ul>
<b>Operating Systems</b>	<ul style="list-style-type: none"> <li>• CentOS/Red Hat Enterprise Linux 7.3.x &gt;= 7.3.1611</li> <li>• Ubuntu 16.04 LTS</li> </ul>
<b>Languages supported</b>	English

## Kofax RPA Process Discovery Analyzer for Docker

Specification	Description
<b>Hardware</b>	<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>• 100MB 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>• 100MB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul>
<b>Required Third Party Technologies</b>	<ul style="list-style-type: none"> <li>• DOCKER 17 AND UP</li> <li>• DOCKER-COMPOSE 1.19 AND UP</li> </ul>
<b>Compatible Kofax Software</b>	<ul style="list-style-type: none"> <li>• Kofax Insight 6.1</li> </ul>
<b>Languages supported</b>	English

## Kofax RPA Process Discovery Agent for Windows

Specification	Description
<b>Hardware</b>	<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>• 150MB 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>• 150MB free disk space for installation</li> <li>• 5GB free disk space for operation</li> </ul>
<b>DBMS</b>	<ul style="list-style-type: none"> <li>• MySQL 5.7</li> <li>• MySQL 8.0</li> </ul>
<b>Compatible Kofax Software</b>	<ul style="list-style-type: none"> <li>• Kofax Insight 6.1</li> </ul>
<b>Required Third Party Technologies</b>	.NET Version 3.5
<b>Client Operating Systems</b>	<ul style="list-style-type: none"> <li>• Windows 7 (32/64-bit)</li> <li>• *Windows 8 (32/64-bit)</li> <li>• WINDOWS 10 (32/64-bit)</li> </ul> <p>*Will be deprecated from RPA release 10.7</p>
<b>Server Operating Systems</b>	<ul style="list-style-type: none"> <li>• WINDOWS SERVER 2012</li> <li>• WINDOWS SERVER 2016</li> </ul>
<b>Languages supported</b>	English, Japanese

## Kofax analytics for RPA

Specification	Description
<b>Hardware</b>	Please refer to the Insights technical specification
<b>Compatible Kofax Software</b>	<ul style="list-style-type: none"> <li>• Kofax Insight 6.1 or later</li> </ul>
<b>Languages supported</b>	English

## Document Transformation

Specification	Description
<b>Coexistence with other Kofax products</b>	The transformation component of Kofax RPA (Thin client Server, Document Transformation Server, Project builder) and the transformation modules of Kofax Total Agility cannot be installed on the same machine as Kofax Transformation modules.