

# Kofax RPA

## Technical Specifications

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**KOFAX**

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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 and RoboServer for Windows

Specification	Description
<b>Hardware</b>	<p>Minimum</p> <ul style="list-style-type: none"><li>• Intel Core i5 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>

Specification	Description
	<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>• Microsoft Windows 7 Enterprise (32-bit)</li> <li>• Microsoft Windows 7 Enterprise (64-bit)</li> <li>• Microsoft Windows 7 Professional (32-bit)</li> <li>• Microsoft Windows 7 Professional (64-bit)</li> <li>• Microsoft Windows 7 Ultimate (32-bit)</li> <li>• Microsoft Windows 7 Ultimate (64-bit)</li> <li>• Microsoft Windows 10 Enterprise (64-bit)</li> <li>• Microsoft Windows Server 2016</li> <li>• Microsoft 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 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 the following 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> <li>• libgssapi.so.2</li> <li>• libgssapi.so.1</li> </ul>

Specification	Description
Languages supported	<ul style="list-style-type: none"> <li>English</li> <li>Japanese (for Design Studio only)</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 up</li> <li>Docker-Compose 1/19 and up</li> </ul>
Languages supported	<ul style="list-style-type: none"> <li>English</li> </ul>

## Desktop Automation

### Kofax RPA Desktop Automation Service Windows

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

Specification	Description
	<ul style="list-style-type: none"> <li>Microsoft Windows 10 (64-bit)</li> </ul>
<b>Server Operating Systems</b>	<ul style="list-style-type: none"> <li>Microsoft Windows Server 2012</li> <li>Microsoft Windows Server 2016</li> </ul>
<b>Required Third Party Technologies</b>	.NET Version 4.0 <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 Dual-core 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>
<b>Browser</b>	<ul style="list-style-type: none"> <li>Internet Explorer version 9, 10, and 11;</li> <li>Chrome version 58 and later;</li> <li>Firefox version 54 and later;</li> <li>Safari version 10</li> </ul>
<b>Web Application Servers</b>	<ul style="list-style-type: none"> <li>Apache Tomcat 8.5 running on Oracle Java SE 1.8 runtime or OpenJDK 1.8 runtime</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 2012</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 the only stored procedures that are supported is "LANGUAGE SQL." Stored procedures are written with "LANGUAGE RPGLE" is not supported</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>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 Dual-core 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>

Specification	Description
<b>Browser</b>	<ul style="list-style-type: none"> <li>• Internet Explorer version 9, 10, and 11;</li> <li>• Chrome version 58 and later;</li> <li>• Firefox version 54 and later;</li> <li>• Safari version 10</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 2012</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 only stored procedures with "LANGUAGE SQL" is supported. Stored procedures written with "LANGUAGE RPGLE" are not supported</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>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>• 10MB 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>• 10MB 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 (without caching_sha2_password authentication plugin)</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>• Microsoft Windows 7 (32/64-bit)</li> <li>• Microsoft Windows 8 (32/64-bit)</li> <li>• Microsoft Windows 10 (32/64-bit)</li> </ul>
<b>Server Operating Systems</b>	<ul style="list-style-type: none"> <li>• Microsoft Windows Server 2012</li> <li>• Microsoft 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>• 10MB free disk space for installation</li> <li>• 1GB free disk space for operation</li> </ul> <p>Recommended</p>

Specification	Description
	<ul style="list-style-type: none"> <li>Intel Core i5 4 Cores 4 Threads 2.8 GHz</li> <li>16GB RAM</li> <li>10MB 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 (without caching_sha2_password authentication plugin)</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</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>10MB 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>10MB 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>• 40MB free disk space for installation</li> <li>• 500MB 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>• 40MB free disk space for installation</li> <li>• 1GB 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 (without caching_sha2_password authentication plugin)</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 Microsoft Visual C++ 2015 Redistributable
<b>Client Operating Systems</b>	<ul style="list-style-type: none"> <li>• Microsoft Windows 7 (32/64-bit)</li> <li>• Microsoft Windows 8 (32/64-bit)</li> <li>• Microsoft Windows 10 (32/64-bit)</li> </ul>
<b>Server Operating Systems</b>	<ul style="list-style-type: none"> <li>• Microsoft Windows Server 2012</li> <li>• Microsoft Windows Server 2016</li> </ul>
<b>Languages supported</b>	English