

Server system requirements

Hardware / virtual machine

The hardware requirements for Squeeze depend heavily on the intended use. The number of documents to be processed daily, the amount of data stored before final resolution, and any customer customisations all influence the hardware requirements.

The following applies in principle:

- The amount of documents that can be processed simultaneously depends on how many workers are deployed.
- One CPU core and 2 GB of RAM should be reserved for each worker.

The usage of Squeeze with inadequate hardware (especially CPU and RAM) can cause performance issues.

	Minimum	Recommended
Operating system	Linux/Windows	Linux/Windows
CPU clock speed	2.2 GHz	3.0 GHz
CPU cores	6 cores	8 cores
RAM	8 GB	16 GB
Hard drive	HDD 7200 rpm	SSD
Storage	200 GB	500 GB
Network	100 Mbit	1000 Mbit

Operating systems

Windows

OS	Version	Note
Windows	7	Fully supported
Windows	10	Fully supported
Windows	11	Fully supported
Windows	Server 2008 R2	Fully supported
Windows	Server 2012	Fully supported
Windows	Server 2012 R2	Fully supported
Windows	Server 2016	Fully supported
Windows	Server 2019	Fully supported
Windows	Server 2022	Fully supported
Windows	Server 2025	Fully supported

Linux

OS	Version	Note
Ubuntu	14.04	
Ubuntu	16.04	Fully supported
Ubuntu	18.04	Fully supported
Ubuntu	20.04	Fully supported
Ubuntu	22.04	Fully supported
Debian	8	
Debian	9	Fully supported
Debian	10	Fully supported

OS	Version	Note
Debian	11	Fully supported
Debian	12	Fully supported

We recommend using Docker. For this purpose, we can provide images and configurations on request if you wish to use them for on-premise installations.

Database systems

Squeeze is primarily used and tested on the basis of MariaDB.

Microsoft SQL Server is also supported and tested using the same test automation as MariaDB and MySQL, but we recommend using MariaDB due to the higher operating costs.

Manufacturer	Version
Microsoft	SQL Server 2012
Microsoft	SQL Server 2014
Microsoft	SQL Server 2016
Microsoft	SQL Server 2019
Microsoft	SQL Server 2022
MySQL	5.5 - 5.7
MariaDB	5.5.7
MariaDB	10.0 - 10.11

Network

Incoming network traffic

Port	Description
80	HTML frontend and API
443	HTML frontend and API (with SSL)

Outgoing network traffic

Port	Description
25	SMTP for outgoing E-mails
587	SMTP for outgoing E-mails (with encryption)
143	IMAP for incoming E-mails
993	IMAP for incoming E-mails (with encryption)
443	EWS for incoming E-mails (with encryption)
33??	SAP RFC connection (?? = SAP instance number)

Runtimes

Squeeze and its components require several libraries and applications to be installed. If you use the Windows installer, all necessary applications and libraries are already included in the setup and will be installed and configured during installation. The installer has been designed to install an out-of-the-box system that is ready for immediate use.

The applications and libraries are divided into direct and indirect dependencies. One example is the message queue system (RabbitMQ).

In more complex environments, it may be necessary to distribute these components across different systems. In this case, you will need to take care of the provisioning of the applications yourself.

Direct dependencies

Runtime	Version	Used by
PHP	7.4.x	Squeeze Server, Worker
PHP	8.1.x	Squeeze Server, Worker
Java	8	Squeeze Server, Worker

Indirect dependencies

Runtime	Version	Used by
Erlang	10.5	RabbitMQ
Erlang	25.3	RabbitMQ
Java	Depending on the Elasticsearch version	Elasticsearch

Revision #5

Created 2025-11-04 17:28:56 UTC by Aleksandar Stajkovic

Updated 2025-11-04 18:22:41 UTC by Aleksandar Stajkovic