

System and hardware requirements●

Abacus Business Software 2025 Release **15.02.2025**

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1. Systems on which the Abacus ERP software can be installed

1.1 Single user

- Windows 10 / 11 Home, Pro, Enterprise Version



Hardware: At least 12 GB RAM (net for Abacus), at least DualCore x64 Intel/AMD processors.

Database: FairCom DB.

Access: Windows: abamenu.exe or AbaClient.



Not supported for single user: macOS.

1.2 Server

- Windows Server 2022 / 2025 Essentials, Standard, Data center
- Ubuntu Linux 22.04 LTS / 24.04 LTS
- Suse Linux Enterprise Server SLES 15 SP4 – SP7



Hardware: At least 16 GB RAM (net for Abacus), processors: at least QuadCore x64, Intel Xeon Gold/Platinum from 2.6GHz / AMD EPYC from 2.4GHz.

Storage: SSD from 6'500 IOPs, we recommend referring to [KB-10141](#).

Memory for AbaPortalServer and AbaApplicationServer: Calculations can be found on page 3.

Databases: FairCom DB. New installations MS SQL on request.

Access: Remote client via AbaClient.



Not supported for server installations: Windows 10 / 11, Windows Server <= 2019, Citrix, macOS.

2. Systems on which AbaClient 32bit is supported

The AbaClient uses the JxBrowser from [TeamDev](#). In order for the AbaClient to run on a system, the operating system must support the JxBrowser. The system requirements for the JxBrowser can be found under the following link:

<https://teamdev.com/jxbrowser/docs/guides/introduction/requirements/>



Download AbaClient: The installer for AbaClient can be downloaded here:

<https://downloads.abacus.ch/en/downloads/abaclient/>

AbaClient V3.2.996 from Abacus version 2019 patch date 15.10.2022

3. Load Balancing

For Load Balancing, 2 GB RAM must be added for each additional instance (AbaApplicationServer / AbaPortalServer / AbaReportServerPhoenix).

4. AbaScan OCR recognition

If the new AbaScan Pro is not used, we recommend at least 3GHz processors for OCR recognition. For more information about AbaScan Pro, please contact AbaScan Support.

5. iOS MyAbacus and Abacus ERP Browser Edition

To run MyAbacus and Abacus ERP smoothly on iOS devices in the Browser Edition, you need **at least iOS 16** or higher. iOS 15 and older versions will **no longer** be supported from Abacus version 2025 onwards! Please also note the information on our [Partner Portal](#).

6. Memory AbaPortalServer

The memory can be increased in the Abacus Configurator and the sessions can be checked in AbaMonitor. Activate service monitoring for the AbaPortalServer if you are using ULC-AbaMonitor.

6.1 Portal (MyAbacus)

Sessions	Memory	In addition to basic memory
0-100	768 MB (Default)	0 MB
101-150	1024 MB	256 MB
151-300	2048 MB	1280 MB
301-500	4096 MB	3328 MB
501-1000	8192 MB	7424 MB

6.2 Browser edition

Sessions	Memory	Zusätzlich zum Grundmemory
0-50	768 MB (Default)	0 MB
51-75	1024 MB	256 MB
76-150	2048 MB	1280 MB
151-250	4096 MB	3328 MB
251-500	8192 MB	7424 MB

7. Memory AbaApplicationServer

Memory recommendation for the AbaApplicationServer service:

ULC sessions	Memory	In addition to basic memory
0-60	768 MB (Default)	0 MB
61-80	1024 MB	256 MB

Load balancing should be considered from 60 ULC sessions. The memory can be increased in the Abacus Configurator. The ULC sessions can be checked in the AbaMonitor.

8. Calculation examples for load balancing

Instances	Net for Abacus
1 AbaApplicationServer*, 1 AbaPortalServer*, 1 AbaReportServerPhoenix	16 GB
2 AbaApplicationServer*, 1 AbaPortalServer*, 1 AbaReportServerPhoenix	18 GB
2 AbaApplicationServer*, 2 AbaPortalServer*, 1 AbaReportServerPhoenix	20 GB
2 AbaApplicationServer*, 2 AbaPortalServer*, 2 AbaReportServerPhoenix	22 GB

* If the memory for the AbaPortalServer was increased according to point 5 and for the AbaApplicationServer according to point 6, the memory for this must be added accordingly.