

System and Hardware Requirements ●

Abacus Business Software 2026 Release 15.02.2026

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

1.1 Operating systems for single-user installations

Operating system	Editions
<ul style="list-style-type: none"> Windows 11 	Home, Pro, Enterprise

macOS & server operating systems are **not** supported!

Specifications

- Hardware:** At least 12 GB RAM (**netto** for Abacus), at least **DualCore** x64 Intel/AMD processors.
- Database:** FairCom DB
- Access:** abamenu.exe or AbaClient at least version 4.0

1.2 Operating systems for server installations

Operating system	Editions
<ul style="list-style-type: none"> Windows Server 2022 & 2025 	Essentials, Standard, Datacenter
<ul style="list-style-type: none"> Ubuntu Linux 	24.04 LTS, 26.04 LTS
<ul style="list-style-type: none"> Suse Linux Enterprise Server 	SLES 15 SP4 - SP7

Windows 11, Windows Server 2012, 2016, 2019, Citrix, macOS, Ubuntu Linux <= 20.04 LTS are **not** supported!

Specifications

- Hardware:** At least 16 GB RAM (**netto** for Abacus)
- Processors:** At least **QuadCore** x64 Intel Xeon Gold/Platinum from 2.6 GHz or AMD EPYC from 2.4 GHz
- Storage:** **SSD from 6'500 IOPS**, we recommend noting **KB-10141**
- Database:** FairCom DB, for new installations MS SQL (only on request)
- Access:** Remote access via AbaClient, at least version 4.0, access on the server via abamenu.exe or AbaClient



Memory: The planning and calculation of the hardware requirements for the use of our software is carried out **exclusively in consultation and cooperation with the responsible sales partner**. Please note that the hardware recommendations listed here are to be understood as **guideline values**. A binding assessment of the system requirements and individual advice are provided together with your sales partner as part of the project planning.

Calculations for the AbaPortalServer and the AbaApplicationServer can be found on pages 3 and 4.

2. AbaClient

From Abacus Version 2026, AbaClient 4.0 or higher is required. Apply the system recommendations according to [AbaClient | Abacus Research AG](#).



Download AbaClient: <https://downloads.abacus.ch/downloads/abaclient/>
AbaClient V4.0 from Abacus Version 2021.

3. Load balancing

For load balancing, 2GB RAM must be added for each additional instance (AbaApplicationServer / AbaPortalServer / AbaReportServerPhoenix) (see also page 4).

4. 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 are **no longer** supported since Abacus Version 2025! Please also note the information on our [Partner Portal](#).

5. Calculation examples

5.1 AbaPortalServer

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

5.1.1 MyAbacus

Sessions	Memory	In addition to the 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

5.1.2 Browser Edition (please also note the [KB-9968](#))

Sessions	Memory	In addition to the basic memory
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

5.2 AbaApplicationServer

Memory recommendation for the AbaApplicationServer service:

ULC sessions	Memory	In addition to the 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.

6. Vaadin AbaMenu

From Abacus Version 2026, the ULC AbaMenu is no longer available. The new menu runs under Vaadin, which means that the session is moved to the AbaPortal server. This means that every Vaadin AbaMenu started in the ERP is counted as 1 session on the AbaPortalServer service. If 10 users start the ERP, this corresponds to 10 MyAbacus sessions.

7. 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 5.1 and for the AbaApplicationServer according to point 5.2, the memory for this must be added accordingly.