

System and hardware requirements for ABACUS version 2012.200

| Installation type | 32-bit is only supported on workstations (client)! | Pervasive SQL | MS SQL 2008/R2 | IBM DB2 |
|--|--|--|-------------------------------------|--|
| | Windows XP only ULC, no FAT-Client, no single user installation! | 64-bit | 64-bit | 64-bit |
| Single user / workstation (client) | | | | |
| | Windows Vista Home Premium, Business, Ultimate | <input checked="" type="checkbox"/> | | |
| | Windows 7 Home Premium, Professional, Enterprise, Ultimate | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> vi only* |
| | Mac OS X 10.6.x and higher | <input checked="" type="checkbox"/> vi only* | | |
| Terminal server / Citrix (Explicitly as a client also 32-bit possible) | | | | |
| | Windows Server 2003 Standard & Enterprise Edition | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> vi only* |
| | Windows Server 2008 Standard & Enterprise Edition | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> vi only* |
| | Windows Small Business Server 2011 mit Premium Add-on | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> vi only* |
| Application database server | | | | |
| | Windows Small Business Server 2003 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> vi only* |
| | Windows Server 2003 Standard, Enterprise, Datacenter | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> vi only* |
| | Windows Small Business Server 2008 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> vi only* |
| | Windows Server 2008 Standard, Enterprise, Datacenter | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> vi only* |
| | Windows Small Business Server 2011 Essentials & Standard | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> vi only* |
| | Mac OS X Server 10.6.x an higher | <input checked="" type="checkbox"/> vi only* | | |
| | Ubuntu 10.04 LTS | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> vi only* |
| | Suse Linux EPServer 11 | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> vi only* |

Virtualisation

VMWare ESX Server is supported. Other virtualisation software for operation in a productive environment on request. Larger projects planned and implemented via virtualisation should be thoroughly checked beforehand (number of ABACUS users, ABACUS applications, performance of the host server, own physical network card for virtual server). From a certain project size, a physical server should be used. The Technical Support of ABACUS will be pleased to assist you in assessing individual cases.

* vi only = only installation option "version internet" (only ULC programs)

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| Hardware components | Single user | Workstation (client) | Terminal server / Citrix | Application DB server |
|---|-------------|----------------------|--------------------------|-----------------------|
| Prozessoren (Intel Itanium Prozessoren werden nicht unterstützt) | | | | |
| Intel | Single-Core | Single-Core | Min. Dual-Core | Min. Dual-Core |
| AMD | Single-Core | Single-Core | Min. Dual-Core | Min. Dual-Core |
| X64 | supported | supported | supported | supported |
| X86 only supported as Workstation (client)! | | supported | | |
| RAM main memory (in MB) | | | | |
| Recommended net memory available for ABACUS | 1536 | 1024 | 4096 | 6144 |
| -> LoadBalancing: additional per instance: | | | | 2048 |
| Recommended net memory available via ULC | | 128-256 | 128-256 per user | |
| Recommended net memory available for TSE/Citrix | | | 256-512 per user | |
| Raid-Controller | | | | |
| Cache in MB | | | 256 | 256 |
| Space requirement | | | | |
| All applications without data | 3 GB | 150 MB (Java Cache) | 150 MB (Java Cache) | 3 GB |
| Disk performance | | | | |
| Recommended | | | 15k | 15k |
| Network card | | | | |
| in MB | | 1000 | 1000 | 1000 |
| Grafic | | | | |
| Resolution minimum | 1280x1024 | 1280x1024 | 1280x1024 | 1280x1024 |

General remark on main memory

In order to work efficiently with ABACUS software, sufficient free main memory is required. Experience shows that some workstations or servers would actually have sufficient main memory. However, it is reserved by various third party applications or used at some place that cannot be located in most cases. The actual system requirements always depend on the configuration, the usage to be expected and the third party applications on a workstation or on the server.