



System and hardware requirements for ABACUS version 2009

Installation type		
Single user / workstation (client)	Windows XP Professional 5	Windows 7 Home Premium
	Windows Vista Home Prem	Windows 7 Professional
	Windows Vista Business SI	Windows 7 Ultimate + Enterprise
	Windows Vista Ultimate SP1	
Terminal server / Citrix	Windows Server 2003 Standard Edition (SP2, R2/SP2)	
	Windows Server 2008 Standard	
Application database server	Windows Small Business Server 2003 (SP2, R2/SP2)	
	Windows Server 2003 Standard (SP2, R2/SP2)	
	Windows Server 2003 Enterprise (SP2, R2/SP2)	
	Windows Server 2003 Datacenter (SP2, R2/SP2)	
	Windows Server 2008 Standard	
	Windows Server 2008 Enterprise	
	Windows Server 2008 Datacenter	
	Mac OS X Server 10.5 (no key-sensitive installation)	
	open SUSE 10.3	
Ubuntu 8.04		
OpenEnterpriseServer / Suse Linux EPServer		

Virtualisation

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



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Hardware components	Single user	Workstation (client)	Terminal server / Citrix	Application DB server
Processors (Intel Itanium processors are not supported)				
Intel	Single-Core	Single-Core	Min. Dual-Core	Min. Dual-Core
AMD	Single-Core	Single-Core	Min. Dual-Core	Min. Dual-Core
x86	supported	supported	supported	supported
X64	supported	supported	supported	supported
RAM main memory (in MB)				
Recommended net memory available for ABACUS	1024	1024	4096	4096
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	2.5 GB	150 MB (Java Cache)	150 MB (Java Cache)	2.5 GB
Disk performance				
Recommended			15k	15k
Network card				
in MB		1000	1000	1000
Graphic				
Resolution	minimum	1024x768	1024x768	1024x768

General remark on main memory

In order to work efficiently with the ABACUS applications, **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.

Remark on 64-bit architecture

It is important to ensure that the 64-bit drivers are available for the hardware used (for example printers, scanners, etc.).