



Hardware Specifications

QATrax Recommendations ¹

Hardware

	Database Server and Middleware ^{2,3}		Client ²	
	Minimum	Recommended	Minimum	Recommended
Processor	Pentium IV	Xeon E7 ⁴	Pentium IV	Intel i7
Operating System	Windows 2003 Server SP2 32 Bit	Windows 2008 Server R2 64 Bit	Win 2K Pro SP4	Win 7 Pro 64 Bit
Memory	4 GB	16 GB ¹⁰	512 MB	4 GB
Disk Storage	40 GB ⁵	100 GB ⁵	N/A ⁶	
Network Card	100 MB			
Network Protocol	TCP/IP			

Communications

Minimum ⁷	
Users/site ⁸	Line Speed ⁹
1-2	128Kbps
3-6	256Kbps
7-10	512Kbps
11-15	768Kbps
16-25	1.0Mbps
26+	1.5Mbps

Other

- Internet connectivity on at least one computer that also runs QATrax (for support)
- 100Mbps (or faster) network switch
- Tape drive or other backup medium

1. Up to 50 users. Larger installations may require additional hardware. Better performance is realized with faster processor(s), additional memory and faster communication lines.
2. All computers/components must be certified by Microsoft to run their respective operating systems.
3. Number of concurrent clients is limited by quantity of memory, type and speed of processor(s) and number of licenses. A dedicated server is recommended for more than ten users.
4. To accommodate future growth, a multi-processor capable server is recommended, but not required.
5. 10,000 RPM or faster SCSI drives in a RAID 5 configuration is strongly recommended.
6. Less than 10MB required for application software.
7. Bandwidth above minimum will improve performance and expandability
8. Remote sites. Connection speed at server location depends on usage patterns, requiring analysis.
9. Other activity (downloading files, sending email, etc...) may impact performance.
10. Please check Motherboard and/or Operating System specs for maximum amount of supported memory, (e.g. - Windows 2003 Server Standard Edition supports 4GB, Windows Server 2003 Enterprise Edition supports 32GB).