

# Open Dental Software

## Hardware Requirements

Last updated March, 2010

### Workstations

Workstations can vary significantly depending on age, budget, workload, and use of other software such as imaging.

	Absolute Minimum	Typical Minimum	Suggested New
CPU	Pentium 400 MHz	1 GHz	Dual Core
OS	Windows 2000	Windows XP Pro	Windows 7 Business
OS 32 bit vs 64 bit	32 bit	32 bit	64 bit (32 bit if other hardware or software limitations)
Memory	512 MB	1 GB	2 GB
Hard drive	50 MB free	40 GB	160 GB
Network	10 Mbps	100 Mbps	1000 Mbps
Video	Integrated	NVIDIA card	256 MB NVIDIA card
Monitor	1024 x 768	17"	20" to 28"

### MySQL Server

Suggested new configuration. Will still run adequately on a less powerful server.

Number of workstations	1 to 10	11 to 30	31 to 100	101 to 200	200 plus
CPU	Dual Core	Dual Core	Quad Core	2 Quad Core	Cluster
OS (64 bit)	Win 7 Business	Win Server 2008 or Win 7 Business	Win Server 2008 or Linux	Win Server 2008 or Linux	Win Server 2008 or Linux
Memory	2 GB	3 GB	4 GB	8 GB	
Hard drive	160 GB	250 GB	500 GB	1 TB	

### File Server

Holds the shared AtoZ folder

Number of workstations	1 to 10	11 to 30	31 to 100	101 to 200	200 plus
CPU	Dual Core	Dual Core	Dual Core	Dual Core	Quad Core
OS	Win 7 Business	Win Server 2008 or NAS	Win Server 2008, NAS, or Linux	Win Server 2008 or Linux	Win Server 2008 or Linux
Share with MySQL	Yes	Typically yes	Maybe	No	No
Memory	2 GB	2 GB	2 GB	4 GB	4 GB
Hard drive	250 GB	500 GB	1 TB	as needed	as needed