

Open Dental Software

Hardware Requirements



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 Vista	Windows 10	Windows 8.1 or 10
OS 32 bit vs 64 bit	32 bit	32 bit	64 bit (32 bit if other hardware or software limitations)
Memory	1-2 GB	1 GB	4 GB
Hard drive	20 MB free	40 GB	160 GB
Network	10 Mbps	100 Mbps	100 Mbps
Video	Integrated	Integrated or discreet	Any discreet card
Monitor	1024 x 768	17"	20" to 28"

MySQL Server Minimum Requirements

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 10, Win 8.1, or Win 7 Professional	Win Server 2008, Win 7 Pro, or MS Server 2012	Win Server 2008, MS Server 2012, or Linux	Win Server 2008, MS Server 2012, or Linux	Win Server 2008, MS Server 2012, or Linux
Memory	2 GB	3 GB	4 GB	8 GB	
Hard drive	160 GB	250 GB	500 GB	1 TB	

File Server Minimum Requirements (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 10, Win 8.1, or Win 7 Professional	Win Server 2008, NAS, or MS Server 2012	Win Server 2008, NAS, MS Server 2012, or Linux	Win Server 2008, MS Server 2012, or Linux	Win Server 2008, MS Server 2012, or Linux
Share with MySQL	Yes	Typically yes	Maybe	No	No
Memory	4-6 GB	4-6 GB	4-6 GB	8-12 GB	8-12 GB
Hard drive	250 GB	500 GB	as needed	as needed	as needed

Windows 10, Windows 8.1, and Windows 7 Professional allow up to 20 concurrent connections.

We recommend allowing 20 – 25 % more connections than workstations to prevent rolling disconnects from the server.

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