

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	1 Ghz	Dual Core	Quad Core
OS	Windows 8	Windows 10	Windows 10
OS 32 bit vs 64 bit	32 bit	64 bit	64 bit (32 bit if other hardware or software limitations)
Memory	1 GB	4 GB	8 GB
Hard drive	1 GB free	200 GB	500 GB
Network	100 Mbps	1000 Mbps	1000 Mbps
Video	Integrated	Integrated or discreet	Any discreet card
Monitor	1280 x 768	17" 1080p	20" to 28", 1080p

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	8 Core	Cluster
OS (64 bit)	Win 10 or Win 8.1 Professional	Win 10 pro, or MS Server 2012, 2016 or 2019	MS Server 2012, 2016, 2019, or Linux	MS Server 2012, 2016, 2019, or Linux	MS Server 2012, 2016, 2019 or Linux
MySQL 32bit or 64bit	32bit	32bit	32bit	64bit	64bit
Memory	4 GB	4 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 or Win 8.1 Professional	NAS, or MS Server 2012, 2016, 2019	NAS, MS Server 2012, 2016, 2019, or Linux	MS Server 2012, 2016, 2019, or Linux	MS Server 2012, 2016, 2019, 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 and Windows 8.1 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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