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## ClearDent Server Specification

For the best user experience with ClearDent in a larger, more sophisticated office network, we recommend using a dedicated server. The difference in performance is even more significant and noticeable when advanced modules such as digital imaging and chair-side charting are being used.

If you have an existing server that you suspect to have already met or exceeded the “Recommended” specification, please contact us and we will be delighted to help verify conformance.

**Please ensure that you also have acquired sufficient Windows Client Access License (CAL) from Microsoft.**

	Minimum	Recommended
Processor	Intel Xeon E3 family or equivalent	Intel Xeon E5 or E7 family, or equivalent <b>Dual processor</b> is recommended when there are <b>20 or more workstations</b> attached to the network
Memory (RAM)	8 GB	8 GB 16 GB when there are <b>20 or more workstations</b> attached to the network
Hard Drive	500 GB HD	RAID 1, 5, or 1+0 with a total capacity equal or exceeding 500 GB <b>NOTE:</b> the RAID controller in use must not rotate hard drive IDs of the volumes attached
Monitor	Optional	
Backup Device	Two or more removable Mass Storage Devices These devices will need to be rotated and stored outside the practice, and encryption must be active to comply with privacy law	ClearVault online backup + One removable Mass Storage Device that is kept in the practice in the event that there is no Internet available for a prolonged period
Network Device	Wired 1 GB	
Operating System	Windows Server 2008 R2	Windows Server 2012 R2
Internet Connection	Required	
Security	A security suite with 4.5 stars or higher rating on “av-test.org” in the “Protection” category or “Advanced” rating on “av-comparatives.org” in the “Real-World Protection” test	
Power Protection	An Uninterrupted Power Supply (UPS) with safe shutdown option is required	