

ClearDent

Server Specification

For the best user experience with ClearDent, we recommend using a **dedicated physical server** (we do not recommend using virtual servers). 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.

Hardware Specifications

Workstation Specification

▶ **Server Specification**

ClearDent Cloud Specification

	Minimum	Recommended
Processor	Intel Xeon E3 family or equivalent	Intel Xeon E5 or E7 family, or equivalent
Memory (RAM)	8 GB	16 GB
Hard Drive	500GB Storage	1TB Storage in RAID or SSD
Monitor	Optional	
Backup Device	Removable Mass Storage Device (We recommend setting up two or more of these devices on a rotating backup schedule; encryption must be enabled before taking offsite for safekeeping)	ClearVault Cloud Backup One Removable Mass Storage Device (Removable Mass Storage will be ideal for backing up large data not suitable for cloud backup; encryption must be enabled before taking offsite for safekeeping)
Network Device	Wired 1 GB	
Operating System	Windows Server 2012 R2, or Windows 10 Pro	Windows Server 2016 or later
Database Directory	Microsoft SQL Server 2012	Microsoft SQL Server 2016 Service Pack 2 or later
Network Infrastructure	Use a business grade router	
Internet Connection	25Mbps (Download) / 10Mbps (Upload)	300Mbps (Download) / 30Mbps (Upload)
Security Software	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	
Security Hardware	Trusted Platform Module (TPM) 2.0 required and encryption enabled	
Power Protection	An Uninterrupted Power Supply (UPS) with safe shutdown option is required	
Active Directory		