

As CAD applications become more sophisticated they place greater demands on computer hardware. Working closely with software and hardware suppliers, the Excitech IT Solutions division have compiled a recommended system specification for the latest Autodesk 2018 collections. These recommendations are consciously different from published minimum specifications and are based on unlocking the optimum power of your CAD software.

To discuss your IT requirements with our IT specialists you can contact your Account Manager, email [info@excitech.co.uk](mailto:info@excitech.co.uk) or phone 01992 807 444.



	AutoCAD LT	AutoCAD	Revit / Revit LT	Navisworks Manage / Simulate [2]	3DS Max
<b>Modest Workload</b> <b>GOOD Model</b>	<b>PROCESSOR</b>	3.3GHz Quad Core i5	3.3GHz Quad Core i5/Xeon	3.5GHz Quad Core Xeon	3.3GHz Quad Core i5/Xeon
	<b>RAM</b>	8GB 2133MHz	8GB 2133MHz	8GB 2133MHz	8GB 2133MHz
	<b>GRAPHICS</b>	NVIDIA Quadro K620	NVIDIA Quadro K620	NVIDIA Quadro M2000	NVIDIA Quadro K620
	<b>DISK</b>	500GB 7.2k rpm SATA	512GB SATA SSD	512GB SATA SSD	512GB SATA SSD
	<b>OS</b>	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit
<b>Average Workload</b> <b>BETTER Model</b>	<b>PROCESSOR</b>	3.3GHz Quad Core Xeon	3.3GHz Quad Core i5/Xeon	3.5GHz Quad Core Xeon	3.5GHz Quad Core Xeon
	<b>RAM</b>	8GB 2133MHz	8GB 2133MHz	16GB 2133MHz [1]	8GB 2133MHz
	<b>GRAPHICS</b>	NVIDIA Quadro K620	NVIDIA Quadro K620	NVIDIA Quadro M or P2000	NVIDIA Quadro K620
	<b>DISK</b>	512GB SATA SSD	512GB SATA SSD	512GB SATA SSD	512GB SATA SSD
	<b>OS</b>	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit
<b>Demanding Workload</b> <b>BEST Model</b>	<b>PROCESSOR</b>		3.5GHz Quad Core i7/Xeon	3.6GHz Quad Core Xeon	3.6GHz Quad Core Xeon
	<b>RAM</b>		16GB 2133MHz	32GB 2133MHz [1]	16GB 2133MHz
	<b>GRAPHICS</b>		NVIDIA Quadro M or P2000	NVIDIA Quadro M or P4000	NVIDIA Quadro M or P2000
	<b>DISK</b>		512GB SSD	512GB SATA SSD	512GB SATA SSD
	<b>OS</b>		Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit




[1] For Revit models under 100MB we recommend 8GB RAM. For models of 100 to 500MB we recommend 16GB RAM. For larger models we recommend 24 - 32GB RAM.

[2] If using Navisworks Timeline Rendering, upgrade specification to the Revit system recommendation.

[3] This specification is an indication only. Please talk to Excitech to obtain individual recommendation in the case of 3DS Max Demanding workload / Large Model systems.

# WORKSTATION RECOMMENDATIONS - 2018

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		AutoCAD Architecture P&ID	AutoCAD MEP / Map 3D / Civil 3D / Plant 3D	Inventor LT Suite	Inventor Professional
<b>Modest Workload</b>  <b>GOOD Model</b>	<b>PROCESSOR</b>	3.3GHz Quad Core i5	3.3GHz Quad i5/i7/Xeon	3.3GHz Quad Core i5/i7/Xeon	
	<b>RAM</b>	8GB 2133MHz	8GB 2133MHz	8GB 2133MHz	
	<b>GRAPHICS</b>	NVIDIA Quadro K620	NVIDIA Quadro K620	NVIDIA Quadro K620	
	<b>DISK</b>	512GB SATA SSD	512GB SATA SSD	512GB SATA SSD	
	<b>OS</b>	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	
<b>Average Workload</b>  <b>BETTER Model</b>	<b>PROCESSOR</b>	3.3GHz Quad Core Xeon	3.5GHz Quad Core i7/Xeon	3.5GHz Quad Core i7/Xeon	3.6GHz Quad Core Xeon
	<b>RAM</b>	16GB 2133MHz	16GB 2133MHz	8GB 2133MHz	32GB 2133MHz
	<b>GRAPHICS</b>	NVIDIA Quadro K620	NVIDIA Quadro M or P2000	NVIDIA Quadro M or P2000	NVIDIA Quadro M or P4000
	<b>DISK</b>	512GB SATA SSD	512GB SATA SSD	512GB SATA SSD	512GB SATA SSD
	<b>OS</b>	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit
<b>Demanding Workload</b>  <b>BEST Model</b>	<b>PROCESSOR</b>	3.5GHz Quad Core Xeon	3.5GHz Quad Core i7/Xeon	3.5GHz Quad Core i7/Xeon	Dual 3.4GHz 6-Core Xeon
	<b>RAM</b>	16GB 2133MHz	32GB 2133MHz	16GB 2133MHz	64GB 2133MHz
	<b>GRAPHICS</b>	NVIDIA Quadro M or P2000	NVIDIA Quadro M or P4000	NVIDIA Quadro M or P2000	NVIDIA Quadro P
	<b>DISK</b>	512GB SATA SSD	512GB SATA SSD	512GB SATA SSD	1TB SATA SSD [3]
	<b>OS</b>	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit	Windows 7/10.1 Pro 64-bit

[3] This specification is an indication only. Please speak with Excitech to obtain individual recommendations in the case of Inventor Demanding workload / Large Model systems.

## Recommendations for Autodesk Industry Collections

**Industry Collections** include individual products with differing system requirements. When choosing a workstation to run one of these suites, we recommend you select a specification suitable for the most demanding application you plan to use from your collection.

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