WORKSTATION RECOMMENDATIONS

A GUIDE TO HELP YOU CHOOSE THE HARDWARE BEST SUITED FOR YOUR NEEDS
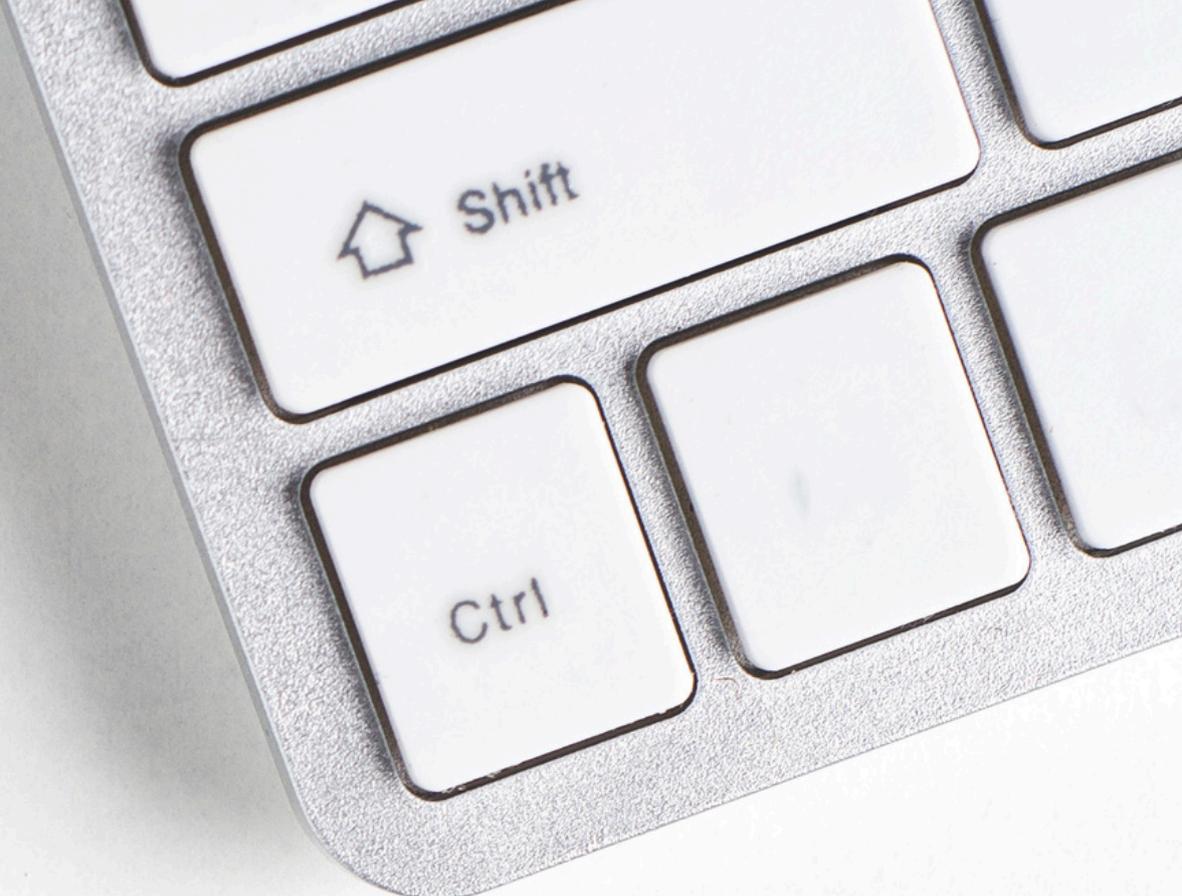
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This guide has been designed to help you choose the right hardware for your business needs. It's based on the hardware requirements for the software you use, as well as the performance level required for different workloads.
The recommended hardware has been categorised and ordered as below:

Admin = Lowest specification for a modest / average user of everyday office applications. Intended for simple use such as data entry and browsing. Not suitable for CAD, Integrated graphics only.

Entry = For everyday office applications, additionally equipped with entry level dedicated graphics to cover average use of a variety of 2D modelling applications, for example; draughting in AutoCAD / sketching with Adobe.

Basic = For everyday office applications, with more modest graphics, upgraded from entry for more detailed draughting and to handle additional 3D use cases.

Standard = For most average design workloads and applications requiring mid-level graphics, and more demand on 3D rendering within AutoCAD. Working on average detail models of around 100MB-500MB within Revit.

Advanced = For use with more graphics intensive applications, and a higher user performance requirement. Working on more complex models averaging at least 500MB+.

Ultimate= For demanding work requiring cutting-edge, top-performing graphics and powerful processing. For a high intensity of work and high-end 3D rendering and virtual reality (VR) applications.

We recommend that you focus on your highest possible workload and base everything else on that. For instance if you work on both 100MB models and 500MB models, look at the hardware that is recommended for the higher workload. Or if you are a heavy Revit user, average AutoCAD user and average Office user, you will need a heavy specification system.

Start by looking at the software you use to determine the hardware best suited to your needs. If you are unsure about your project workloads or do not feel that these suggestions fit your specific requirements, please get in touch with us to discuss a bespoke configuration.

SOFTWARE	BUILD		
	MODEST	AVERAGE	DEMANDING
AutoCAD/LT (2D Modelling)	Entry	Entry	Standard
AutoCAD (3D Modelling)	Basic	Basic	Standard
Revit/LT	Standard	Standard	Advanced
Navisworks	Entry	Entry	Standard
3ds Max	Advanced	Advanced	Ultimate
Inventor Pro	Advanced	Advanced	Ultimate
SketchUp	Entry	Entry	Standard
Enscape	Standard	Advanced	Ultimate
Adobe Creative Cloud	Entry	Basic	Standard
Microsoft Office Suite	Admin	Admin	Basic
ACC / BIM 360	Admin	Entry	Basic
Twinmotion	Standard	Advanced	Ultimate
Unreal Engine	Advanced	Ultimate	Ultimate
Alias	Advanced	Ultimate	Ultimate
VRED	Advanced	Ultimate	Ultimate
Unity	Ultimate	Ultimate	Ultimate
V-Ray Vantage	Ultimate	Ultimate	Ultimate

Click here to go back to the Workstations page and explore the full range.

RACK MOUNT

DELL PRECISION 7960

- Intel® Xeon® Gold 6442Y Processor
  24 Cores, up to 4.00 GHz
- 64GB Memory
- NVIDIA® RTX™ A6000 Ada, 48GB
- 1TB M.2 NVMe SSD Storage

* Other Dell systems can also be rack mounted within a rack mount kit available separately

HP Z4R G5

- Intel® Xeon® Intel Xeon W7-2495X
  24 Cores, up to 4.80 GHz
- 64GB Memory
- NVIDIA® RTX™ A6000, 48GB
- 1TB M.2 NVMe SSD Storage

* Other HP systems can also be rack mounted within a rack mount kit available separately

REMOTE WORKING

For customers working in a remote/hybrid environment, please contact info@symetri.co.uk for more information on how Teradici or HP Anyware can allow users to work on even the most compute and graphics-intensive applications from pretty much any device and enjoy the same amazing user experience from anywhere.

For more information on hybrid working, read our e-Book on 'The Evolution of the Hybrid Working Model'. This e-book presents a 'check-list' of those areas of your IT infrastructure which now merit revisiting, to help you make sure that the way your business works is aligned to how the new business world has evolved.

LEARN MORE AT:
WWW.SYMETRI.CO.UK

EMAIL US ON:
INFO@SYMETRI.CO.UK

CALL US ON:
0345 370 1444

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