

Powering the future of AEC

How to meet the latest industry challenges with Lenovo Workstations



Smarter technology for all

Lenovo

The Architecture, Engineering and Construction sector (AEC) is a major economic driver, and key to building a better post-COVID future.

But to get there we need to address new challenges, especially around remote collaboration and project delays.



30%

of construction professionals in the UK and Ireland have experienced project **disruption, delay or cancellation** due to COVID-19¹.



44% GROWTH

in remote working over the last **five years**, marking a change in working patterns that began even before recent global events.



62%

of **employees** are predicted to remain **working remotely** in the future.

In addition, the sector is seeing the accelerated adoption of new working methods such as generative design, advanced visualisation, reality modelling, digital fabrication, and more. **How will the industry keep pace?**



30%

GROWTH

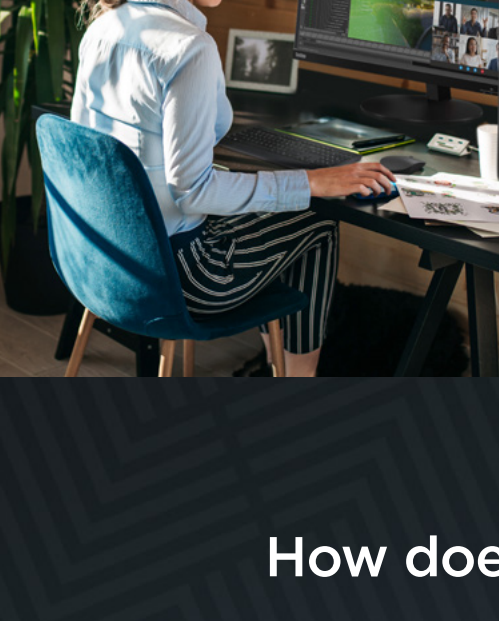
The good news is that advances in technology have fuelled a **30% growth** in remote collaboration in 2020.

Work-anywhere teams are working together seamlessly, thanks to virtualisation enabled by powerful workstations.

1-to-1
OR 1-TO-MANY

Virtualisation allows a user to connect from a client workstation in a remote location, to a host workstation in the office (either on their desk or in the data centre) for **1-to-1** or **1-to-many** collaboration.

Virtual Reality/Mixed Reality brings teams together to experience designs during development. The experience is so realistic, design changes can be made in real time, reducing design cycles and the need for expensive physical prototypes.



But while communication and collaboration are essential, productivity is paramount.

Lenovo Workstations have the performance to power the most demanding specialised applications through the most complex workflows, extending what's possible with BIM.

How does BIM help boost productivity?

89%

IMPROVED

collaboration

84%

ELIMINATION

of unnecessary work

69%

REDUCE COSTS

and material waste

60%

ENGAGE

the material supply chain earlier and help mitigate risk

Lenovo Workstations can help you take these emerging trends for the built environment from promise to practice.

Thinner, lighter and faster than ever before, Lenovo ThinkPad P Series workstations are ISV-certified to run virtually any BIM solution, and are ready to work, anywhere.



1st

The Lenovo ThinkStation P620 is the **first** and **only** workstation powered by AMD Ryzen™ Threadripper™ PRO and offers the highest core count of any professional workstation available today, with up to 64 cores. It's also the **first** with PCIe Gen 4 support to enable NVIDIA's latest RTX™ A6000 graphics.

30% FASTER

How much more productive could your teams be with workstations proven to run design tasks up to **30% faster** than high-performance PCs?



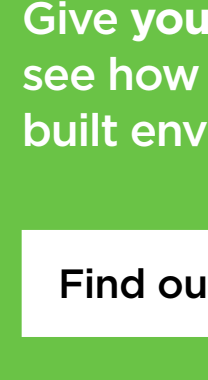
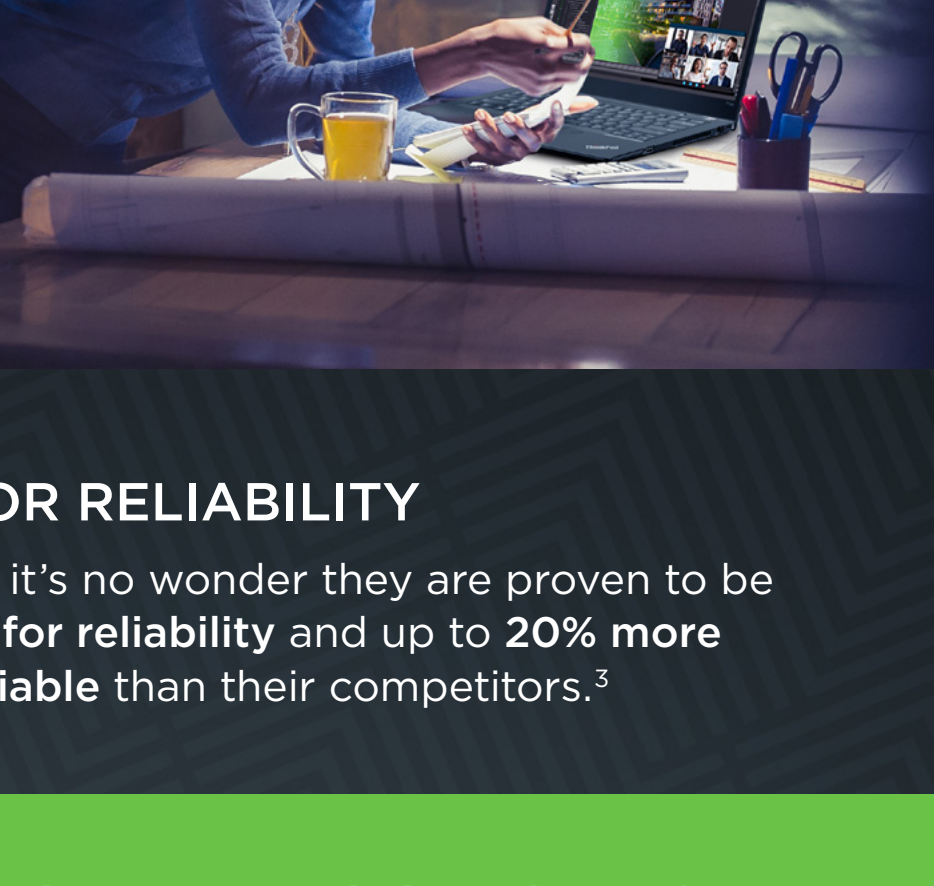
350%

BETTER FOR 3D GRAPHICS

Lenovo Workstations – from desktops and towers to mobiles – were also **350% better** for 3D graphics and **50% better** for CAD².

12

Lenovo Workstations are tested to **12 rigorous MIL-SPEC standards**. They'll work, and keep working, in the toughest environments – whether that's on the construction site or production line.



#1

FOR RELIABILITY

So it's no wonder they are proven to be **#1 for reliability** and up to **20% more reliable** than their competitors.³

Give your teams the technology to meet their goals – and see how much further they can go, to deliver the new built environment.

Find out more today

¹ Planning, BIM & Construction Today (2020)

² All offers subject to availability. Lenovo reserves the right to alter product offerings, prices, specifications or availability at any time without notice. Models pictured are for illustration purpose only. Lenovo is not responsible for typographic or photographic errors. Information advertised has no contractual effect. Lenovo, ThinkPad, ThinkCentre, ThinkStation, ThinkVantage, and ThinkVision are trademarks of Lenovo. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, Xeon Inside, and Intel Optane are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. All other trademarks are the property of their respective owners.

³ TBR Repair rate report 2019

Smarter technology for all

Lenovo