



## Fast design and manufacturing need fast, reliable computers.



FastHouse, founded in 2015, is a leader in offsite construction based in Northern Ireland. They specialise in designing, manufacturing, and installing top-quality timber frame systems across the UK and Ireland. Using DFMA (Design for Manufacture and Assembly), FastHouse ensures precision and efficiency. Their team employs hsbcad to create accurate timber frame designs for generating a bill of materials, so speed and accuracy are important to reduce time and waste. Their Closed and Hybrid Panel systems meet high standards in thermal, acoustic, and fire resistance, aiming to transform construction with sustainable, rapid-build solutions.

### Requirement

FastHouse needed new workstation desktops for their design team. Their old systems lacked the reliability and speed required for running AutoCAD. The first phase of their DFMA process starts right after receiving architects' drawings. Using hsbcad (software solution for Auto CAD), they create timber frame designs that include a precise bill of materials to minimise waste.

To meet their needs, it was clear that CPU and graphics performance were priorities. The Intel i9 14th generation CPU was recommended for its fast single-core performance without being overly expensive. For graphics, a pro-grade workstation card, the NVIDIA A4000, was suggested. This card complements the CPU well with its large pool of ECC vRAM memory, preventing system crashes and being supported by hsbcad software.

### Solution

#### Forge Tower – ATX

- CPU: Intel Core I9 14th Gen (14900KF)
- RAM: 32Gb DDR5 XMP (5200Mhz)
- GPU: NVIDIA A4000 (16GB)
- Warranty: 5 Year Collect and Return Warranty



*“The team at FastHouse recently engaged with VeryPC to supply us with high-end workstations for our design department. All team members have been very happy with their new workstations and have noticed a dramatic increase in performance and efficiency, making their jobs much easier. Jake has been extremely helpful in perfecting our workstations to match our needs, and I have no hesitation in recommending their services to other companies.”*



**Ronan Begley**  
IT Technician