



**Xeretec** IT Works

## **YOUR GUIDE TO HP TECHNOLOGY FOR AEC**

High-end workstation technology for architects,  
engineers and construction professionals

Powered by HP & Intel





This guide has been designed to help you choose the right hardware for your business needs. It's based on your role as an AEC professional, the types of activities you carry out, or typical project workflows.

Hardware recommendations have been conveniently categorised as follows:

### 2D & 3D concepts

Lighter specification prioritising mobile portability for creating everyday 2D and simple 3D concepts.

### 3D modelling & rendering

Manipulate 3D shapes and render photorealistic models in real time with NVIDIA RTX graphics and multi-core Intel CPUs.

### Visualisation

Easily move your projects to a virtual reality environment with VR-ready devices, and then experience them in high fidelity.

### Simulation & clash detection

These devices have all the graphics power, storage and memory you need to analyse data in real time and run complex structural simulations.

### 3D site scanning

Process complex LIDAR point cloud data and create accurate 3D models — packed with massive memory and multi-core Intel processors.

### Generative design

Take advantage of today's cutting edge, generative AI-driven tools with hardware designed to power the most demanding GD workflows.

## CERTIFIED FOR THE SOFTWARE YOU USE



All of the hardware in this guide has undergone rigorous testing and certification by independent software vendors to ensure you get peak performance from your chosen applications.

## 2D & 3D CONCEPTS



### HP ZBook Firefly G9 16" i7

- ▶ Intel Core i7 processor
- ▶ 32 GB DDR5 RAM
- ▶ WUXGA (1920 x 1200), touch, IPS, anti-glare
- ▶ NVIDIA RTX A500 (4 GB GDDR6)
- ▶ 1TB SSD

### HP Z2 Mini Workstation G9 i7

- ▶ Intel Core i7 processor
- ▶ 32 GB DDR5 RAM
- ▶ NVIDIA T600 GPU (4 GB GDDR6)
- ▶ 1TB SSD

### HP Z4 G9 Tower i9 32 GB

- ▶ Intel Core i9 processor
- ▶ 32 GB DDR5 RAM
- ▶ NVIDIA Quadro P4000 (8 GB GDDR6)
- ▶ 1TB SSD

## 3D MODELLING & RENDERING



### HP ZBook Studio G9 16" i9

- ▶ Intel Core i9 processor
- ▶ 32 GB DDR5 RAM
- ▶ Amoled WQXGA (3840 x 2400) touch, IPS, anti-glare
- ▶ NVIDIA GeForce RTX 3070 Ti (8 GB GDDR6)
- ▶ 1TB SSD

### HP Z2 Mini Workstation G9 i9

- ▶ Intel Core i9 processor
- ▶ 64 GB DDR5 RAM
- ▶ NVIDIA® T1000 (8 GB GDDR6)
- ▶ 1TB SSD

### HP Z4 G9 Tower i9 64 GB

- ▶ Intel Core i9 processor
- ▶ 64 GB DDR5 RAM
- ▶ NVIDIA Quadro RTX 4000 (16 GB GDDR6)
- ▶ 1TB SSD

## VISUALISATION



### HP ZBook Power G9 15.6" i9

- ▶ Intel Core i9 processor
- ▶ 64 GB DDR5 RAM
- ▶ 4K UHD (3840 x 2160), IPS, anti-glare
- ▶ NVIDIA RTX A2000 (8 GB GDDR6)
- ▶ 1TB SSD

### HP Z4 G9 Tower i9

- ▶ Intel Core i9 processor
- ▶ 64 GB DDR5 RAM
- ▶ NVIDIA Quadro RTX 4000 (16 GB GDDR6)
- ▶ 2TB SSD

### HP Reverb G2 VR Headset

- ▶ Ultra sharp visuals with mura-free, 2160 x 2160 LCD panels per eye and full RGB stripe.
- ▶ High quality audio experience with industry-leading Valve speakers. They sit off the ear by 10mm, allowing you to have a more comfortable fit.
- ▶ Supplied with Controllers

## SIMULATION AND CLASH DETECTION



### HP ZBook Fury 16" i9

- ▶ Intel Core i9 processor
- ▶ 128 GB DDR5 RAM
- ▶ WUXGA (1920 x 1200), IPS, anti-glare
- ▶ NVIDIA RTX A3000 (12 GB GDDR6)
- ▶ 2TB SSD

### HP Z2 Mini Workstation G9 i9

- ▶ Intel Core i9 processor
- ▶ 64 GB DDR5
- ▶ NVIDIA A2000 (12 GB GDDR6)
- ▶ 2TB SSD

### HP Z8 G5 Tower Xeon W9

- ▶ Intel Xeon W9 processor
- ▶ 128 GB DDR5 RAM
- ▶ 2 NVIDIA RTX 6000 Ada GPUs (48 GB GDDR6)
- ▶ 4TB SSD

## 3D SITE SCANNING



### HP ZBook Studio G9 16" i9

- ▶ Intel Core i9 processor
- ▶ 64 GB DDR5 RAM
- ▶ 4K WQUXGA (3840 x 2400), IPS, anti-glare
- ▶ NVIDIA RTX 4000 Ada (12 GB GDDR6)
- ▶ 2TB SSD

### HP Z2 Mini Workstation G9 i9

- ▶ Intel Core i9 processor
- ▶ 64 GB DDR5 RAM
- ▶ NVIDIA NVIDIA T1000 (8 GB GDDR6)
- ▶ 2TB SSD

### HP Z8 G5 Tower Xeon Gold

- ▶ Intel Xeon Gold processor
- ▶ 64 GB DDR5 RAM
- ▶ NVIDIA Quadro GV100 (32 GB GDDR6)
- ▶ 2TB SSD

## GENERATIVE DESIGN



### HP ZBook Fury 16" i9

- ▶ Intel Core i9 processor
- ▶ 64 GB DDR5 RAM
- ▶ WUXGA (1920 x 1200), IPS, anti-glare
- ▶ NVIDIA RTX A3000 (12 GB GDDR6)
- ▶ 2TB SSD

### HP Z2 Mini Workstation G9 i9

- ▶ Intel Core i9 processor
- ▶ 64 GB DDR5 RAM
- ▶ NVIDIA A2000 (12 GB GDDR6)
- ▶ 2TB SSD

### HP Z8 G5 Tower Xeon Gold

- ▶ Intel Xeon Gold processor
- ▶ 64 GB DDR5 RAM
- ▶ NVIDIA Quadro GV100 (32 GB GDDR6)
- ▶ 2TB SSD

## DISPLAYS



### HP E27u G5 27" Monitor

- ▶ QHD (2560 x 1440) IPS, anti-glare
- ▶ 3-sided borderless bezel
- ▶ Up to 16.7 million colours supported
- ▶ Response time: 5ms GtG (with overdrive)
- ▶ HDMI; USB-C; DisplayPort



### HP E344c 34" Curved Conferencing Monitor

- ▶ WQHD (3440 x 1440) IPS, anti-glare
- ▶ Integrated speakers & webcam
- ▶ 3-sided borderless bezel
- ▶ Up to 1.07 billion colours supported
- ▶ Response time: 6ms GtG (with overdrive)
- ▶ HDMI; USB-C; USB port; USB hub; DisplayPort



### HP Z40c 40" Curved Conferencing Monitor

- ▶ WUHD (5120 x 2160) IPS, anti-glare
- ▶ Integrated speakers, microphone & webcam
- ▶ 3-sided borderless bezel
- ▶ Up to 1.07 billion colours supported
- ▶ Response time: 5ms GtG (with overdrive)
- ▶ HDMI; USB port; DisplayPort; Thunderbolt

## MAKE IT YOUR OWN WITH A CUSTOM BUILD

Our custom workstation build services are tailored specifically for AEC professionals, offering a range of configuration options to meet the unique demands of your industry. With expertise in AEC workflows, Xeretec understands the need for truly bespoke high-performance computing solutions.

Our custom workstations can be configured to your exact specifications, allowing you to choose from a variety of Intel processors, NVIDIA graphics cards, RAM, storage options, and additional services to create a workstation that perfectly aligns with your business. Whether you require a powerful CAD workstation for design tasks or a rendering powerhouse for visualisations, we ensure that your custom-built workstation is optimised for efficiency and productivity.



Upgrade and configure the technology you choose to address your unique business needs. Options include:

- Imaging
- Graphics cards
- Display (mobile)
- Memory
- Storage
- Warranty
- Processor
- OS
- Software licences

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# DEVICE AS A SERVICE (DaaS) THE SMARTER WAY TO BUY TECH

When your business demands the very best in terms of graphics, storage, memory, and processing speeds, buying tech can be expensive and time consuming.

What if there was a better way... one that saves you up to 25% on TCO compared to traditional purchasing.

With Xeretec DaaS, we can provide the technology you need, ISV-tested and certified to work with the apps you use, on a flexible subscription model. This frees up the capital budget, allowing you to pay for the technology on a monthly basis.

You have the option of bundling in additional services, e.g., configuration, imaging, asset tagging, deployment, maintenance, and support services, cyber security solutions, recycling services, and much more, alleviating the pressure on your IT team.

## BUILD YOUR DaaS TECH BUNDLE IN 4 SIMPLE STEPS



### 1. PICK TECH

From laptops, desktops and screens, to VR and racked solutions.



### 2. CONFIGURE

Tailor your devices to your exact requirements. Upgrade memory, storage, graphics and more.



### 3. SELECT SERVICES

Choose from imaging, asset tagging, cyber security and more.



### 4. CHOOSE DURATION

Flexible payment terms, from 24 to 72 months.



*"Xeretec have been really helpful in understanding our IT requirements and help us boost our productivity. The DaaS agreement frees up the capital cost and allows us to invest it elsewhere. We have a fixed monthly payment for the screens and laptops and we know exactly what we are paying for."*

*- Sukhpreet Bhardwaj, IT Manager, Wallace Whittle*



## **XERETEC** **ABOUT US**

We have a 30-year history of delivering contract and lifecycle services for customers that range from Global Household brands across the World to family run businesses in the local community. Our focus is on delivering a complete technology experience designed to provide tangible business benefits, no matter how big or small you are.

Our selection process handpicks a range of solutions and service options in addition to offering off the shelf technology products. We provide bespoke solutions addressing digital workspace and communications, through to process automation.

## **WANT TO LEARN MORE?** **GET IN TOUCH**

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