

# Choosing the right HP Z Workstation



Our commitment to compatibility



HP Z Workstations help you handle the most complex data, designs, 3D models, analysis, and information; but we don't stop at the hardware—we know that leading the industry requires the best in application performance, reliability, and stability.

Software certification ensures that HP's workstation hardware solution is compatible with the software products that will run on it. We work closely with our software partners from the beginning – both in the development of new hardware and in the design of new software or a software revision. This commitment to partnership results in a fully certified HP Workstation application solution, and ensures a wholly compatible experience between hardware and software that is stable and designed to perform.

In this document, HP Z Workstation experts identify the workstations recommended to run industry specific applications. While many configurations are certified for each application, our recommendations are based on industry trends, typical industry data set sizes, price point, and other factors.

## Table of contents

Architecture, Engineering, and Construction.....	2
Product Development.....	3
Media & Entertainment (part 1 of 2).....	4
Media & Entertainment (part 2 of 2).....	5
Education.....	6
Geospatial.....	7
Oil & Gas.....	8

## Architecture, Engineering, and Construction

	HP ZBook 14u & HP ZBook 15u	HP ZBook x2	HP ZBook Studio	HP ZBook 15 & HP ZBook 17	HP Z VR Backpack	HP Z2 Mini, HP Z240 SFF & HP Z240 Tower	HP Z4	HP Z6	HP Z8
<b>Architecture</b>									
Autodesk® Revit®		•	•	•	•			•	
Autodesk AutoCAD®	•	•	•					•	
Bentley MicroStation		•	•	•		•			
Autodesk Navisworks®		•	•	•		•			
Autodesk 3ds Max Design®				•					•
Autodesk Showcase®				•					•
<b>MEP Engineering</b>									
Autodesk Revit		•	•	•	•	•			
Autodesk AutoCAD	•	•	•			•			
Bentley MicroStation		•		•		•			
Autodesk Navisworks		•		•		•			
<b>Structural Engineering</b>									
Autodesk Revit		•	•	•	•	•			
Autodesk AutoCAD	•	•	•			•			
Bentley MicroStation		•		•		•			
Autodesk Navisworks		•		•		•			
<b>Civil Engineering</b>									
Autodesk AutoCAD Civil 3D®		•		•		•			
Autodesk Revit		•	•	•	•	•			
Autodesk AutoCAD	•	•	•			•			
Bentley MicroStation		•		•		•			
Autodesk Navisworks		•		•		•			
Autodesk 3ds Max Design				•					•
<b>Construction</b>									
Autodesk Revit		•	•	•	•	•			
Autodesk AutoCAD	•	•	•			•			
Bentley MicroStation		•		•		•			
Autodesk Navisworks		•		•		•			
Autodesk 3ds Max Design		•		•					•
Autodesk Showcase				•					•

## Product Development

	HP ZBook 14u & HP ZBook 15u	HP ZBook x2	HP ZBook Studio	HP ZBook 15 & HP ZBook 17	HP Z VR Backpack	HP Z2 Mini, HP Z240 SFF & HP Z240 Tower	HP Z4	HP Z6	HP Z8
<b>Product Design</b>									
Dassault Systèmes SOLIDWORKS	•	•	•	•		•			
Dassault Systèmes CATIA®				•	•	•	•		•
Dassault Systèmes BUNKSPEED				•					•
Dassault Systèmes DELTAGEN				•	•				•
ANSYS® SpaceClaim		•	•	•		•			
Autodesk® Inventor®			•	•		•			
Autodesk AutoCAD®	•	•	•	•		•			
Siemens NX			•	•		•			
Autodesk Alias®		•		•		•			•
Autodesk Mudbox		•	•	•		•			
PTC Creo									
<b>Engineering</b>									
Siemens NX				•		•	•		•
Dassault Systèmes SOLIDWORKS	•	•	•	•		•			
Dassault Systèmes CATIA		•		•	•	•	•		•
Autodesk Inventor			•			•			
Autodesk AutoCAD	•	•	•	•		•			
PTC Creo			•	•		•			
Siemens SolidEdge	•	•	•	•		•			
<b>Simulation</b>									
ANSYS Mechanical				•					•
ANSYS Fluent				•					•
ANSYS CFX				•					•
Dassault Systèmes SIMULIA				•					•
Dassault Systèmes SOLIDWORKS Simulation				•					•
Siemens NX for Simulation (Nastran)				•					•
MSC Nastran				•					•
Autodesk Simulation				•					•
PTC Creo Simulate				•					•
<b>Digital Manufacturing</b>									
Delcam				•		•		•	
HSMWorks				•		•		•	
Dassault Systèmes DELMIA®				•		•		•	

## Media & Entertainment (part 1 of 2)

	HP ZBook 14u & HP ZBook 15u	HP ZBook x2	HP ZBook Studio	HP ZBook 15 & HP ZBook 17	HP Z VR Backpack	HP Z2 Mini & HP Z240 SFF	HP Z240 Tower	HP Z4	HP Z6	HP Z8
<b>Animation/3D/Visual Effects</b>										
Adobe® After Effects® CC				•	•			•	•	•
Adobe Photoshop® CC	•	•	•			•				
Autodesk® 3ds MAX®				•	•			•	•	•
Autodesk Flame®										•
Autodesk Maya®				•	•			•	•	•
Foundry Katana			•	•			•	•		
Foundry Mari				•				•	•	
Foundry Modo				•				•	•	
Foundry Nuke				•				•	•	•
<b>Audio</b>										
Adobe Audition® CC			•	•			•	•		
Avid Pro Tools			•	•			•	•	•	•
Cakewalk Sonar		•	•	•			•	•	•	
<b>Game Development</b>										
Adobe After Effects CC				•	•			•	•	•
Adobe Photoshop CC	•	•	•			•				
Autodesk 3ds MAX				•	•			•	•	•
Autodesk Maya				•	•			•	•	•
Unity				•	•				•	•
Unreal				•	•				•	•
<b>Location Based Entertainment (VR)</b>										
Adobe Skybox				•	•			•		
Autodesk Maya				•	•			•		
Unity				•	•			•		
Unreal				•	•			•		

## Media & Entertainment (part 2 of 2)

	HP ZBook 14u & HP ZBook 15u	HP ZBook x2	HP ZBook Studio	HP ZBook 15 & HP ZBook 17	HP Z VR Backpack	HP Z2 Mini & HP Z240 SFF	HP Z240 Tower	HP Z4	HP Z6	HP Z8
<b>Photography/Graphic Design</b>										
Adobe Illustrator® CC	•	•	•			•				
Adobe InDesign® CC	•	•	•			•				
Adobe Lightroom CC	•	•	•			•				
Adobe Photoshop CC	•	•	•			•				
<b>Video and Film</b>										
Adobe After Effects CC				•	•			•	•	•
Adobe Premiere® Pro CC			•	•	•			•	•	•
Autodesk 3ds Max				•	•			•	•	•
Autodesk Maya				•	•			•	•	•
Autodesk Mudbox®					•			•	•	•
Autodesk Flame										•
Avid Media Composer®			•	•				•	•	•
Foundry Nuke Studio									•	•

## Education

	HP ZBook 14u & HP ZBook 15u	HP ZBook x2	HP ZBook Studio	HP ZBook 15 & HP ZBook 17	HP Z VR Backpack	HP Z2 Mini, HP Z240 SFF & HP Z240 Tower	HP Z4	HP Z6	HP Z8
Autodesk® Entertainment Creation Suite		•		•			•	•	
Adobe® Creative Cloud™ for Education		•		•			•		•
Avid® Media Composer® for Education	•			•		•	•		
Avid Pro Tools® for Education	•			•		•	•		
PTC Creo Parametric for K-12				•		•			
PTC Creo Student Edition				•		•			
PTC Mathcad				•		•			
PTC Windchill				•		•			
Dassault Systèmes SOLIDWORKS Education Edition	•	•	•	•		•			
ANSYS® Student Edition				•			•		
MSC Nastran Student Edition				•				•	
Autodesk Education Master Suite	•	•	•	•		•			
Bentley Academic Select		•	•	•		•			

## Geospatial

	HP ZBook 14u & HP ZBook 15u	HP ZBook x2	HP ZBook Studio	HP ZBook 15 & HP ZBook 17	HP Z VR Backpack	HP Z2 Mini & HP Z240 SFF	HP Z240 Tower	HP Z4	HP Z6	HP Z8
<b>Mapping</b>										
ArcGIS	•	•	•	•	•				•	
Autodesk® AutoCAD® Map 3D		•	•	•	•	•				
Hexagon Geospatial		•	•	•		•	•	•		•
<b>Remote Sensing</b>										
Hexagon ERDAS			•				•	•		•
IMAGINE			•				•	•		•
<b>Photogrammetry</b>										
			•			•	•	•		

## Oil & Gas

	HP ZBook 14u & HP ZBook 15u	HP ZBook x2	HP ZBook Studio	HP ZBook 15 & HP ZBook 17	HP Z VR Backpack	HP Z2 Mini & HP Z240 SFF	HP Z240 Tower	HP Z4	HP Z6	HP Z8
Landmark Decision Space		•	•					•		•
Landmark GeoProbe						•		•		•
Paradigm Suite							•	•		•
Schlumberger Petrel						•		•		•
Schlumberger GeoFrame						•	•			•
IHS Kingdom				•	•					•
IHS Petra				•	•					•
CGG Insight Earth						•		•		•
Roxar RMS						•	•			•
ffA GeoTeric						•				•
Headwave						•				•



## Resources, contacts, and additional links

HP Z Workstation Finder Tool

For recommended configurations please go to  
[hp.com/workstationfinder](http://hp.com/workstationfinder)

Product Certification Look Up

[hp.com/go/isv](http://hp.com/go/isv)

HP Z Workstations

[hp.com/zworkstations](http://hp.com/zworkstations)

Architecture, Engineering, and Construction

[hp.com/go/AEC](http://hp.com/go/AEC)

Education

[hp.com/go/educationworkstation](http://hp.com/go/educationworkstation)

Financial Services

Geospatial

Media & Entertainment

[hp.com/go/media-entertainment](http://hp.com/go/media-entertainment)

OEM

[hp.com/go/oem](http://hp.com/go/oem)

Oil & Gas

[hp.com/go/oilandgas](http://hp.com/go/oilandgas)

Product Development

[hp.com/go/engineering](http://hp.com/go/engineering)

Sign up for updates  
[hp.com/go/getupdated](http://hp.com/go/getupdated)



Share with colleagues

---

© Copyright 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Adobe, Photoshop, Illustrator, After Effects, Premiere Pro, Audition, InDesign and Creative Cloud are registered trademarks of Adobe Systems Incorporated in the United States and/or other countries. Autodesk, Autodesk Product Design Suite, AutoCAD, AutoCAD Civil 3D, Inventor, Showcase, Alias, Mudbox, Simulation and 3ds Max Design are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and other countries. Avid, Media Composer, and Pro Tools are trademarks or registered trademarks of Avid Technology, Inc. or its subsidiaries in the United States and/or other countries. CATIA, SOLIDWORKS, DELMIA, and SIMULIA are commercial trademarks or registered trademarks of Dassault Systèmes or its subsidiaries in the U.S. and/or other countries.

4AA5-7339EEW, February 2018

