Brochure

HP Z240 Tower Workstation unleashes peak CAD performance

Experience up to 4.2 GHz of raw processing power on HP's perfect CAD workstation. The HP Z240 Tower packs the performance, features, and reliability of a workstation into the price point of a desktop PC.

"We chose HP Z workstations for many reasons. They are well-built and easy to work on, they are powerful, and they are reliable."

— Graham Chapman, Director of Engineering
Morgan Motor Company

Power-up CAD applications with 13% more power

With 4.2 GHz at your fingertips, the HP Z240 Tower Workstation is perfect for popular CAD programs like Autodesk Revit and 3DS SOLIDWORKS. These applications perform the bulk of their processing on a single processing core, and achieve their best performance on processors with high clock rates.

Combing raw processor speed from the Intel® Core™ i7 6700K processor, robust cooling, and over 368,000 hours of application testing, the HP Z240 Tower provides maximum flexibility, reliability, and performance in a compact workstation configuration.
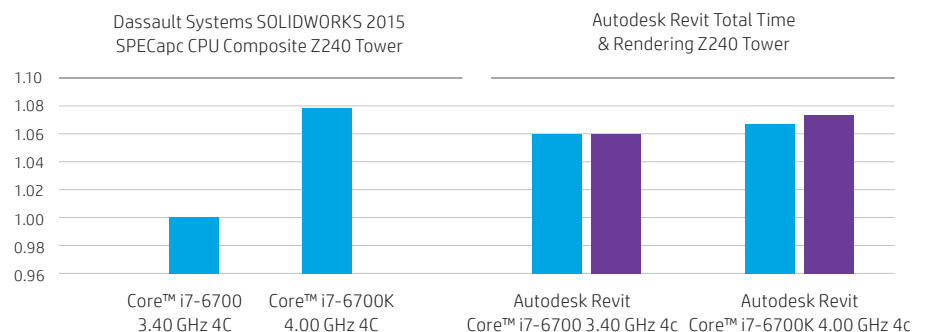
High performance for Product Development and AEC

The Intel® Core™ i7 6700K, with 4.2 GHz of power, is the newest processor offered on the HP Z240 Tower, and offers 8% performance gains on SOLIDWORKS 2015, and up to 13% increases in Autodesk Revit 2016 performance as compared to the HP Z240's previous highest performing processor, the Intel® Core™ i7 6700.[5]

Relative performance (higher is better)

Dassault Systems SOLIDWORKS 2015
SPECapc CPU Composite Z240 Tower

Autodesk Revit Total Time
& Rendering Z240 Tower

Core™ i7-6700
3.40 GHz 4C

Core™ i7-6700K
4.00 GHz 4C

Autodesk Revit
Core™ i7-6700 3.40 GHz 4c

Autodesk Revit
Core™ i7-6700K 4.00 GHz 4c

Considering the labour rates of high-end product development and AEC talent, these performance gains allow the HP Z240 Tower to quickly pay for itself in labour savings, generating an impressive return on investment over its lifetime.

The HP Z240 Tower Workstation: A CAD Monster

In addition to its 4.2 GHz Intel® Core™ i7 6700K processor, the HP Z240 Tower can be configured with up to 64 GB of RAM, high bandwidth solid state disc peripherals, and a variety of graphics processor options to power through large CAD data sets and applications.

Intel® Core™ i7 6700K Processor: Monster CAD performance
A true workstation-class solution designed to handle your growing and complex workloads with the performance you need for any stage in your work process.

Z Turbo Drive G2: Ultra-fast storage
Reduce boot up, calculation, and response times by revolutionising how your HP Z240 handles large files with the optional HP Z Turbo Drive[4], a remarkably fast and innovative storage solution.

Better package: Bigger punch
HP's Z240 offers more performance, greater storage capacity and more IO and greater flexibility while retaining the same form factor of our previous generations. Learn more about HP Performance Advisor.

Windows 10 Pro 64[1]

Intel®[2] Xeon E3-1280 v5 (5 3.7 GHz, up to 4 GHz with Intel Turbo Boost Technology[3], 8 MB cache, quad-core)

Up to 64 GB DDR4-2133 ECC/non-ECC SDRAM

NVIDIA® Quadro M2000 (4 GB) or AMD FirePro W5100 (4 GB)

Z Turbo Drive G2 500 GB and up to 4 TB SATA (7200 rpm)[4]

HP Design and innovation

HP Z Workstations are built for the unyielding demands of today's professional and technical workplaces. They are engineered to help your team work faster, work smarter, and gain a competitive edge. With bold designs, world-class engineering, robust management tools, and leading-edge visual collaboration solutions, HP Z Workstations take innovation, performance, and reliability to a new level.

Like other HP Workstations, the HP Z240 Tower employs a tool-free chassis design for easy maintenance, includes HP Performance Advisor[6] software for system optimisation, and comes standard with HP Remote Graphics Software[7] for remotely accessing and sharing your HP Z Workstation.

HP and ISV certification

On the software side, HP and CAD software vendors such as Autodesk and Dassault Systemes work closely together with partners Microsoft®, Intel®, AMD, and NVIDIA® to deliver a complete technology solution to CAD customers. As a result, HP Z Workstations deliver an enhanced experience with these and other applications and help you take software performance and productivity further. Find out more about certified HP Z Workstations at hp.com/go/isv.

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See windows.com.
[2] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel®'s numbering is not a measurement of higher performance.
[3] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See intel.com/technology/turboboost for more information.
[4] For hard drives and solid state drives, 1 GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB of system disk is reserved for system recovery software.
[5] Based on HP's internal testing of equivalently configured systems.
[6] HP Performance Advisor requires Windows and an Internet connection.
[7] HP RGS requires a Windows, Linux®, or Mac® OS X 10.10 or newer operating system and network access.

Sign up for updates
hp.com/go/getupdated

Share with colleagues

Rate this document