

ZEISS Compact Workstation Specification Guide

Entry level ZEN and AxioVision imaging applications require a specification equivalent to or exceeding the below. This guidance is taken from our current entry level workstation.

HP Z240 Tower Workstation

- CPU: Intel® Core™ i5-6500 3.2 GHz 6 MB / 2133 MHz
- Chipset: Intel® C236
- Memory: min: 16 GB RAM max. 64 GB RAM
- Memory Expansion Slots: 4 x DDR3-RAM modules / 2133 MHz unbuffered, non-ECC
- PCI Express Connectors:
 - 1 x PCI Express Generation 3 x16
 - 1 x PCI Express Generation 3 x4 (x16 mechanical)
 - 1 x PCI Express Generation 3 x4
 - 1 x PCI Express Generation 3 x1
 - 1 M.2 slot (PCIe Gen3 x4)
- Graphics interface onboard: Intel® HD Graphics 530
- 2 x Display Port 1.2 (max. 3840 x 2160 pixel),
- 1 x DVI-D single link (max. 1920 x 1200 pixel)
- Hard Drives: 1 x 4 TB SATA 7200 rpm
- Optical Storage: DVD +/- RW recorder for rewriteable media
- Network Controller: Integrated 10/100/1000 LAN interface
- I/O: 1 x serial RS232, 6 x USB 3.0 (2 x front, 4 x rear),
- 4 x USB 2.0 (2 x front, 2 x rear), PS/2 for keyboard and mouse
- Certifications & Declarations: CE, CSA, UL, FCC
- Power Supply: 100 - 240 V / 50 - 60 Hz / 400 W with country specific plug
- Chassis Dimensions: (H x W x D): 399 x 170 x 442 mm, approx. 10 kg

Windows 7 64bit Professional or Ultimate Edition (preferred)

Windows 10 64bit Enterprise Edition

Monitor TFT 24" HP Z24n

Visible diagonal: 61.13 cm, 16:10

Max. resolution: 1920 x 1200 pixel

Notes.

1. Small form-factor desktops cannot be used. All ZEISS supported cameras require full height PCIe interface cards (included with cameras as standard).
2. Windows 10 is not supported for use in systems with third party cameras or triggering.
3. ZEISS workstations are tested for compatibility and stability as an integrated part of our imaging platforms. Should there be issues with third-party supplied workstations requiring additional support we reserve the right to treat this as a chargeable item.