



[Manuals.plus](#) /

> [HP](#) /

> HP Z420 Workstation User Manual

## HP HP Z420 TOWER

# HP Z420 Workstation User Manual

Model: HP Z420 TOWER

## INTRODUCTION

---

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP Z420 Workstation. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

The HP Z420 Workstation is a powerful desktop computer designed for demanding tasks, featuring a Quad Core Xeon CPU, 16GB DDR3 RAM, a 240GB SSD for fast boot times, a 1TB HDD for ample storage, and an NVIDIA Quadro 2000 1GB Video Card. It comes pre-installed with Windows 10 Pro and includes USB 3.0 and Wi-Fi connectivity.

## PRODUCT OVERVIEW

---



Front view of the HP Z420 Workstation with included keyboard and mouse.

The HP Z420 Workstation is a robust tower desktop computer. Its design prioritizes performance and expandability for professional use.

## Dimensions

# Microsoft AUTHORIZED

Refurbisher



 We recommend Windows

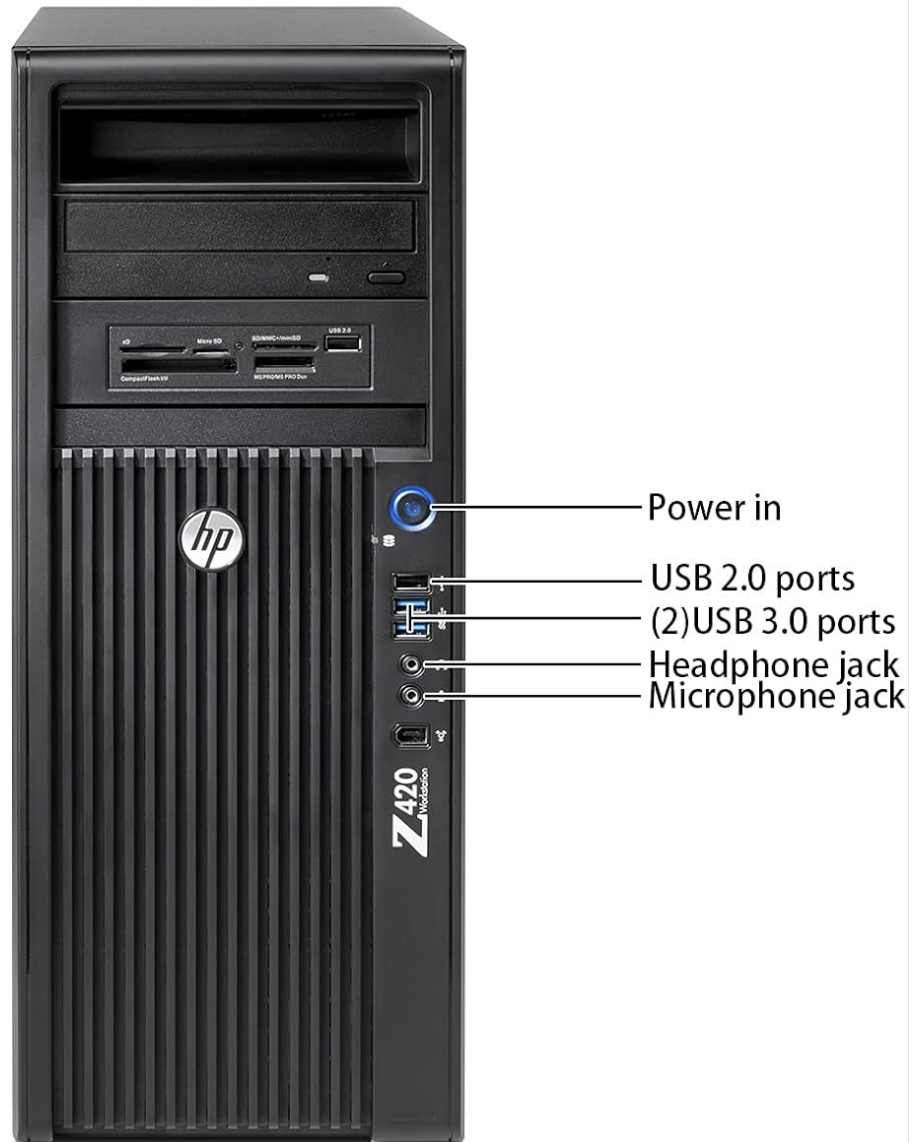
Side view of the HP Z420 Workstation illustrating its dimensions: approximately 17.5 inches in height, 17.6 inches in depth, and 7.0 inches in width.

The workstation measures approximately 18.5 x 6.7 x 17.6 inches (LxWxH) and weighs about 22 pounds.

## Front Panel Features

# Microsoft AUTHORIZED

Refurbisher



## We recommend Windows

Close-up of the HP Z420 Workstation's front panel, highlighting the Power in button, USB 2.0 ports, USB 3.0 ports, Headphone jack, and Microphone jack.

The front panel provides convenient access to essential ports and controls:

- Power Button
- USB 2.0 Ports
- USB 3.0 Ports
- Headphone Jack
- Microphone Jack
- Optical Drive (DVD)

## Rear Panel Features

# Microsoft

# AUTHORIZED

Refurbisher

PS/2 Mouse/Keyboard

(4) USB 2.0 ports

(2) USB 3.0 ports

RJ-45 ports

Audio I/O ports



Rear view of the HP Z420 Workstation, showing the PS/2 Mouse/Keyboard ports, USB 2.0 ports, USB 3.0 ports, RJ-45 (Ethernet) ports, and Audio I/O ports.

The rear panel offers connectivity for peripherals and network access:

- PS/2 Mouse/Keyboard Ports
- USB 2.0 Ports (4)
- USB 3.0 Ports (2)
- RJ-45 (Ethernet) Port
- Audio I/O Ports
- Video Card Ports (DVI-I DL, Dual DisplayPort)

## SETUP

---

### Unpacking and Placement

1. Carefully remove the workstation and all accessories from the packaging.
2. Place the workstation on a stable, flat surface with adequate ventilation around all sides. Avoid blocking air vents.
3. Ensure the power outlet is easily accessible.

### Connecting Peripherals

- **Monitor:** Connect your monitor to the NVIDIA Quadro 2000 video card's DVI-I DL or DisplayPort outputs. Adapters may be required for HDMI connections.
- **Keyboard and Mouse:** Connect the included USB keyboard and mouse to any available USB ports on the front or rear panel.
- **Network:** For wired internet, connect an Ethernet cable to the RJ-45 port on the rear panel. For wireless internet, ensure the included USB Wi-Fi dongle is connected to a USB port.
- **Audio:** Connect speakers or headphones to the audio output jack on the rear panel or the headphone jack on the front panel.

### Power Connection

1. Connect the power cable to the power input on the rear of the workstation.
2. Plug the other end of the power cable into a grounded electrical outlet.

## OPERATING INSTRUCTIONS

---

### First Boot-Up

1. Press the power button on the front panel.
2. The system will boot into Windows 10 Pro. Follow the on-screen prompts to complete the initial setup, including language, region, and user account creation.
3. Ensure all drivers are installed. Windows Update typically handles this automatically.

### Using Windows 10 Pro

**Microsoft**  
**AUTHORIZED**

Refurbisher

# Windows 10 Professional 64 Bit

Multi-Language Supports

English/Spanish/French



 **We recommend Windows**

Image indicating the HP Z420 Workstation comes with Windows 10 Professional 64-Bit, supporting English, Spanish, and French languages.

Your workstation comes with a fresh installation of Windows 10 Pro 64-Bit. This operating system provides a secure and efficient environment for your computing needs.

- **Start Menu:** Access applications, settings, and power options.
- **File Explorer:** Manage your files and folders on the 240GB SSD and 1TB HDD.
- **Settings:** Customize your system, manage devices, and configure network settings.
- **Windows Update:** Regularly check for and install updates to ensure system security and performance.

## Storage Management

The system includes a 240GB SSD for the operating system and frequently used applications, providing fast boot and load times. A 1TB HDD is included for mass storage of documents, media, and other files.

## MAINTENANCE

---

- **Keep Vents Clear:** Ensure that the air vents on the front, rear, and sides of the workstation are not obstructed to prevent overheating.
- **Dust Removal:** Periodically clean dust from the exterior of the case and vents using a soft, dry cloth or compressed air. Do not spray liquids directly onto the computer.
- **Software Updates:** Regularly install Windows updates and driver updates for your graphics card and other components to maintain system stability and security.
- **Data Backup:** Regularly back up important data from both the SSD and HDD to an external drive or cloud storage.
- **Antivirus Software:** Keep antivirus software updated and perform regular scans to protect against malware.

## TROUBLESHOOTING

---

- **No Power:**
  - Check if the power cable is securely connected to both the workstation and the electrical outlet.
  - Test the outlet with another device to ensure it has power.
- **No Display:**
  - Ensure the monitor is powered on and connected correctly to the video card ports (DVI or DisplayPort).
  - Verify the monitor's input source is set correctly.
  - If using an adapter (e.g., DisplayPort to HDMI), ensure it is functioning correctly.
- **Slow Performance:**
  - Close unnecessary applications running in the background.
  - Check for and install any pending Windows updates.
  - Run a disk cleanup and defragmentation (for HDD) or TRIM (for SSD) utility.
  - Scan for viruses or malware.
- **Wi-Fi Connectivity Issues:**
  - Ensure the USB Wi-Fi dongle is properly inserted into a USB port.
  - Restart your router and modem.
  - Check Wi-Fi settings in Windows and ensure the correct network is selected.

## SPECIFICATIONS

---

Component	Detail
Model	HP Z420 TOWER
Processor	Quad Core Xeon CPU (up to 3.8 GHz)
RAM	16GB DDR3

Component	Detail
Storage	240GB SSD & 1TB HDD
Graphics Card	NVIDIA Quadro 2000 1GB GDDR5
Operating System	Windows 10 Pro 64-Bit
USB Ports	USB 2.0, USB 3.0
Connectivity	Ethernet, Wi-Fi
Dimensions (LxWxH)	18.5 x 6.7 x 17.6 inches
Weight	22 pounds

## WARRANTY AND SUPPORT

---

This product comes with a **1 Year Warranty on the Computer with Tech Support**. Additionally, the 240GB SSD has a 3 Year Warranty from its manufacturer, and the 1TB Seagate Hard Drive also carries a 3 Year Warranty from its manufacturer.

For technical assistance or warranty claims, please refer to the contact information provided by your vendor or the Amazon Renewed Guarantee for refurbished products.

For more information on Amazon Renewed products, visit: [Amazon Renewed Store](#)