Performance you want. Value you need.

The HP Z420 gives you professional expandability in an accessible tool-free mini-tower form factor—all at a great price. With up to 8 discrete processing cores, the latest processing and I/O power from Intel®, and the latest graphics technology from leading graphics providers, the HP Z420 has the power you need to get the job done.

Designed with ease.

Enjoy the control that comes with being able to swap out parts or make upgrades on your own. The HP Z420 Workstation features a smart chassis that offers tool-less access to the inside, easy configurability and an optional optical bay handle for seamless deployment. And with optional liquid cooling designed to deliver whisper-quiet performance, the HP Z420 is built to make your work flow more smoothly.

Enjoy superb performance.

Achieve the highest performance available in a single-processor personal workstation. The HP Z420 Workstations offers your choice of Intel® Xeon® E5-1600 and E5-2600 series processors—with base clock frequencies of up to 3.6 GHz and the new Intel® C602 chipset. Delivering support for up to 8 cores of processing power, the HP Z420 never slows you down.

Build it your way.

Build the HP Z420 Workstation the way you want with multiple SATA and SAS RAID configuration options that support a wide range of high-performance, high capacity storage solutions. Always know you’re a step ahead with 8 DIMM slots in 4-channel memory architecture, delivering up to 64GB of 1600 MHz memory.
**Available Processors**

<table>
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<tr>
<th>Processor</th>
<th>GHz</th>
<th>Cache</th>
<th>Cores</th>
<th>Hyper-Threading</th>
<th>Intel® vPro™ Technology</th>
<th>Intel® Turbo Boost Technology</th>
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**Chipset**

Intel® C602 Chipset

**Memory**

8 DIMM slots, up to 64 GB ECC unbuffered DDR3 1600 MHz; 4 channels per CPU

**Drive Controllers**

Integrated 6-channel SATA controller; 2 ports 6 Gb/s; 4 ports 3 Gb/s; RAID 0, 1, 5, 10 capable; Optional SAS controller: LSI 9212-4i 4-port SAS/SATA 6 Gb/s, RAID D, 1, 10 capable

**Storage**

Up to (4) 3.5-inch 7200 rpm SATA drives, 250 Gb, 500 Gb, 1, 2, 3 TB, 12 TB max; Up to (4) 2.5-inch 10K rpm SAS drives, 300, 600 Gb, 2.4 TB max; Up to (4) 2.5-inch 15K rpm SAS drives, 300, 600, 450, 600 Gb, 2.4 TB max; Up to (4) 2.5-inch SATA solid state drives; 128, 160, 256, 300 Gb, 1.2 TB max. Note: Fourth 3.5-inch drive occupies one external 5.25-inch bay. Fourth 2.5-inch drive is installed into top optical bay handle.

**Optical Storage**

DVR-ROM, DVD+/-RW DL Super-Multi, Blu-ray Writer, 22-in-1 Media Card Reader

**Drive Bays**

3 external 5.25-inch bays, 3 internal 3.5-inch HDD bays (free total when using 5.25-inch bay converters); up to 4 5.25" ATA

**Expansion Slots**

2 PCI Express Gen3 x16 mechanical/electrical; 1 PCI Express Gen3 x8 mechanical/electrical; 1 PCI Express Gen2 x8 mechanical/x4 electrical; 1 PCI Express Gen1 x4 mechanical/x1 electrical; 1 Legacy PCI

**Available Graphics**

Professional 2D: NVIDIA NVS 300, NVIDIA NVS 310, NVIDIA NVS 510
Entry 3D: NVIDIA Quadro 410, NVIDIA Quadro K600, NVIDIA Quadro 600, AMD FirePro™ V3900
Mid-range 3D: NVIDIA Quadro 2000, NVIDIA Quadro K2000
High-end 3D: NVIDIA Quadro 4000, NVIDIA Quadro K4000, AMD FirePro™ V7900, AMD FirePro™ W7000, NVIDIA Quadro K5000, NVIDIA Quadro 6000, NVIDIA Tesla C2075

**Audio**

Integrated Intel® High Definition (HD) Audio

**Network**

Integrated Intel® GbE LAN; Optional Intel® NIC; Optional Broadcom NIC; Optional HP 381T PCIe Dual Port Gigabit NIC; Optional HP X520 10GbE Dual Port Adapter; Optional HP 10GbE SFP+ SR Transceiver; Infinenon TPM 1.2 Controller

**Ports**

Front: 2 USB 3.0, 1 USB 2.0, 1 IEEE 1394a standard, 1 microphone in, 1 headphone out, 22-in-1 Media Card Reader (optional)
Rear: 2 USB 3.0, 4 USB 2.0, 1 IEEE 1394a standard, 2 IEEE 1394b ports via optional add-in PCIe card, 1 audio in, 1 microphone in, 2 PS/2, 1 RJ-45 to integrated Gigabit LAN, 1 serial via optional adapter
Internal: 1 USB 2.0, supports up to three HP Internal USB Port Kits (one two-port kit on each 2x5 header)

**Input Devices**

PS/2 standard keyboard; USB standard keyboard; USB Smart Card Reader; PS/2 optical scroll mouse; USB 2-button optical scroll mouse; USB 3-button optical mouse; USB SpaceExplorer; USB SpacePilot; USB Laser Scroll Mouse

**Dimensions (H x W x D)**

17.63 x 7.0 x 17.5 in (44.76 x 17.78 x 44.52 cm)

**Power Supply**

600 Watt 90% efficient power supply

**Compatible Displays**

HP DreamColor LP2480tz IPS display (24-inch diagonal widescreen); HP ZR30w 30-inch 5-IPS LCD Monitor; HP ZR2740w 27-inch LED Backlit IPS Monitor; HP ZR1940w 24-inch LED Backlit IPS Monitor; HP ZR2240w 21.5-inch LED Backlit IPS Monitor; HP ZR2040w 20-inch LED Backlit IPS Monitor

**Warranty**

Limited three-year Mon-Fri 8-5 next business day, parts, labor and 24x7 phone support, terms and conditions may vary. Extendable up to five years.