Our most affordable, no-compromise workstations.

The HP Z220 Series delivers workstation performance and energy efficiency at prices you’d expect from a desktop PC. You’ll get the performance you need with next-generation Intel® Xeon® and Intel® Core™ processors, four integrated USB 3.0 ports, new professional graphics options, and enterprise-class memory technologies.

Choose an expansive Convertible Minitower (CMT) or a compact Small Form Factor (SFF) design that’s 65% smaller—perfect for tight spaces. Either one fits your workspace and your work style.

High performance. No sweat.

Increase performance and reduce energy consumption with next-generation 22nm processors, including the Intel® Xeon® processor E3-1200v2 family (with Intel® HD Graphics P4000 on selected processors) and 3rd generation Intel® Core™ processors. Unleash your creativity without thinking twice about performance.

Get going at a moment’s notice with the Intel® Smart Response Technology™ (SRT) SSD option that gives you faster boot up times and application responsiveness. Because no one should ever have to wait.


Connect to external storage devices and transfer data at blazing fast speeds using integrated USB 3.0.

Boost performance on memory intensive applications with up to 32GB of 1600MHz DDR3 memory and enjoy the confidence of running even sophisticated models without slowing you down.

HP recommends Windows.
**HP Z220 Workstations**

**HP Z220 CMT**

**HP Z220 SFF**

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**Form Factor**

Convertible mini tower

Convertible mini tower

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**Available Operating Systems**

Windows 7™ Ultimate 64-bit and other editions available

Red Hat Enterprise Linux Desktop/Workstation 11 (90 day license)

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**Available Processors**

<table>
<thead>
<tr>
<th>Processor</th>
<th>GHz</th>
<th>Max Turbo GHz</th>
<th>Cache</th>
<th>Memory</th>
<th>Cores</th>
<th>Hyper-Threading</th>
<th>Intel vPro Technology</th>
<th>Intel HD Graphics</th>
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<tbody>
<tr>
<td>Intel Pentium 6604</td>
<td>2.80</td>
<td>—</td>
<td>3 MB</td>
<td>1066 MHz</td>
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<td>N</td>
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<td>N</td>
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<td>N</td>
<td>Y</td>
<td>2500</td>
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<tr>
<td>Intel Core™i5-3470 processor</td>
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<td>6 MB</td>
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</table>

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**Chipset**

Intel® C216 chipset

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**Memory**

- 4 DIMM slots, up to 32 GB ECC/non-ECC, DDR3 1600 MHz (ECC/non-ECC choice and actual memory speed dependent on processor capability)

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**Drive Controllers**

Integrated SATA Controller, RAID 0 supported; 4 ports 3 Gbps, 2 ports 6 Gbps

Integrated SATA Controller, RAID 0, 1 supported; 2 ports 3 Gbps, 2 ports 6 Gbps

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**Storage**

Up to (3) 3.5-inch 7200 rpm SATA drives: 250, 500 GB, 1, 2 TB (4 TB max)

Up to (2) 2.5-inch 10K rpm SATA drives: 250, 500, 500 GB, 1 TB (2 TB max)

Up to (3) 2.5-inch SATA solid state drives: 128, 160, 256, 300 GB (0.9 TB max)

Up to (2) 3.5-inch SATA self-encrypting solid state boot drive (SED SSD): 256 GB, 256 GB max

Up to (1) 2.5-inch SATA self-encrypting solid state boot drive (SED SSD): 256 GB, 256 GB max

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**Optical Storage**

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

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**Drive Bays**

- 3 external 5.25-inch bays, 3 internal 3.5-inch HDD bays

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**Expansion Slots**

- 1 PCIe Gen3 x16, 1 PCIe Gen2 x4/1x, 1 PCIe Gen2 x4 slot/blade, 2 PCIe Gen1 x1, 2 PCI

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**Graphics**

- HD Graphics available on select processors as above

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**Input Devices**

- HP keyboard, HP USB keyboard, HP USB CDD smart card keyboard, HP PS/2 mouse, HP USB optical mouse, HP USB 3-button optical mouse, HP USB laser mouse, USB SpaceExplorer, USB SpaceMice

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**Network**

Intel® i28576 GbE Network Connection

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**Ports**

- Front: 2 USB 3.0, 1 USB 2.0, 1 IEEE 1394a (optional with PCIe card), 1 microphone in, 1 headphone out

- Rear: 2 USB 3.0, 2 USB 2.0, 1 audio in, 1 audio out, 1 standard/1 optional serial port, 1 parallel (optional), 2 PS/2, RJ-45 (NIC), 1 VGA and 1 DisplayPort (for use with Intel HD Graphics); optional 2 IEEE 1394b ports (PCIe card) Internal: 5 USB 2.0 ports

- Front: 4 USB 2.0, 1 microphone in, 1 headphone out

- Rear: 4 USB 3.0, 2 USB 2.0, 2 USB 1.0, 1 audio in, 1 audio out, 1 standard/1 optional serial port, 1 parallel (optional); 2 PS/2, RJ-45 (NIC), 1 VGA and 1 DisplayPort (for use with Intel HD Graphics); optional 2 IEEE 1394b ports (PCIe card) Internal: 4 USB 2.0 ports

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**Audio**

- High Definition Integrated Realtek ALC221 Audio and integrated speaker; optional Creative Reon 3D PCIe Audio Card; optional HP Thin USB Powered Speakers

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**Power Supply**

- 400-watt 90% efficient power supply

- 240-watt 90% efficient power supply

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**Compatibility Displays**

- On-screen display (screen size diagonally measured)

- HP DreamColor LP2480x Professional Display (24-inch diagonal wide screen), HP ZR23w 23-inch 5-IPS LCD Monitor

- HP ZR2440w 24-inch LED Backlit IPS Monitor, HP ZR2445w 24-inch Widescreen LED Monitor, HP ZR2445w 24-inch Widescreen LCD Monitor, HP ZR2240w 22.1-inch LED Backlit IPS Monitor, HP ZR2340w 23-inch LED Backlit IPS Monitor

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**Warranty**

- 3 years on FRU warranty

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**Learn more**

hp.com/go/z220

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