

# HP Z Virtual Workstation

Virtually unstoppable



Get the job done with the HP Z Virtual Workstation. Enjoy a true workstation that offers end-to-end security, optimized IT management, and access ISV applications from virtually anywhere.

**Powerful images, peak innovation**

Enjoy the view with vibrant high-end 3D graphics performance, including the latest NVIDIA GRID K2 cards, via the innovative 2U rack mount HP Z Virtual Workstation.

**Secure your sensitive data**

Keep intellectual property out of the wrong hands by keeping sensitive data in house and only transmitting encrypted pixel data over LAN or WAN.

**Flexibly manage your environment**

Centrally control deployment and management for different user profiles with flexible provisioning and multiple configuration options.

**Certification reliability**

Confidently run your ISV workstation applications virtually in a fully tested and qualified software ecosystem.

**Sharp images, stand-out performance**

View graphics with clarity and detail on your end point device thanks to unique HP Remote Graphics Software<sup>1</sup> and speedy HP Velocity 2.1 to manage network traffic.

## HP Z Virtual Workstation specifications

|                                       |  |
|---------------------------------------|--|
| <b>Processors<sup>2</sup></b>         | Intel® Xeon® E5-2695 v2 (2.4 GHz, 30 MB cache, 12 cores)<br>Intel® Xeon® E5-2680 v2 (2.8 GHz, 25 MB cache, 10 cores)<br>Intel® Xeon® E5-2670 v2 (2.5 GHz, 25 MB cache, 10 cores)<br>Intel® Xeon® E5-2650 v2 (2.6 GHz, 20 MB cache, 8 cores)<br>Intel® Xeon® E5-2630 v2 (2.6 GHz, 15 MB cache, 6 cores) |
| <b>Chipset</b>                        | Intel® C600  |
| <b>Storage<sup>3</sup></b>            | SAS (15000 rpm), 146 GB, 300 GB; SAS (10000 rpm), 300 GB, 900GB; SATA (7200 rpm), 500 GB, 1 TB; SATA SSD, 100 GB, 800 GB   |
| <b>Storage Controller</b>             | HP Smart Array P420i Controller  |
| <b>Optical Drives<sup>4</sup></b>     | SATA Slim DVD-ROM<br>SATA Slim DVD-RW  |
| <b>Drive Bays</b>                     | 8 2.5" HDD <sup>5</sup><br>1 Slimline optical  |
| <b>Graphics</b>                       | High-end 3D: NVIDIA Quadro K4000 (3 GB), NVIDIA Quadro K5000 (4 GB)<br>Ultra High-end 3D: NVIDIA Quadro K6000 (12 GB)<br>High-end Virtual 3D: NVIDIA GRID K2 (8 GB)  |
| <b>Memory<sup>6</sup></b>             | 384 GB, 1866 MHz, DDR3 Registered SDRAM, 24 DIMM   |
| <b>Expansion Slots<sup>7</sup></b>    | 3 PCIe Gen3 x16<br>1 PCIe Gen3 x8<br>1 FlexLOM connector<br>1 HDD writeback cache connector  |
| <b>External I/O Ports<sup>8</sup></b> | 7 USB 2.0<br>1 serial<br>2 VGA<br>1 SD (internal)  |
| <b>Network Interface<sup>9</sup></b>  | HP Ethernet 1 GB 4-port 366FLR adapter (optional)<br>HP VWS Ethernet 10 GB 2-port 560FLR-SFP+ adapter (optional)   |
| <b>Power Supply Required</b>          | 1200 W 94% efficient with HP Power Discovery Services (PDS) support<br>1200 W 94% efficient redundant power supply with HP Power Discovery Services (PDS) support (optional)   |
| <b>Product Dimensions</b>             | 8.73 x 44.55 x 69.85 cm/3.44 x 17.54 x 27.50 in  |
| <b>Weight<sup>10</sup></b>            | 41 lb/18.59 kg   |
| <b>Keyboard<sup>4</sup></b>           | HP USB Keyboard  |
| <b>Pointing Device<sup>4</sup></b>    | HP USB Mouse   |
| <b>Security Management</b>            | Trusted Platform Module (TPM) support<br>Security bezel (optional)   |
| <b>Form Factor</b>                    | 2U Rack  |
| <b>Warranty</b>                       | Includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response.  |

1. HP RGS requires a Windows or Linux operating system and Internet access.
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. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
3. For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less.
4. Optional or add-on feature.
5. All 2.5" (small form factor) hard disk drive options are hot swappable.
6. Actual memory speed is dependent on processor and number of memory channels used. 1st and 2nd CPUs must be installed for all DIMM slots to be available.
7. For full complement of PCIe Gen3 slots, Slot 1 Riser Cage and Slot 2 Riser Cage must be installed.
8. Both VGA ports cannot be active simultaneously. Internal SD slot is not hot-pluggable.
9. Factory integrated only.
10. Exact weight depends upon configuration.

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