HP DL380z Gen9 Virtual Workstation

Unlock your organization's potential with the HP Z Virtual Workstation. Enjoy a true workstation experience combined with end-to-end security and easily optimized IT management in a flexible 2U form factor. Experience superb graphics and access certified workstation ISV applications on virtually any endpoint device—from virtually anywhere.

HP recommends Windows.

- Windows 7 Professional[2]

Live securely
- Keep sensitive data out of the wrong hands and only transmit 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.

Powerful images, peak innovation
- Enjoy the view with vibrant high-end 3D graphics performance, including the latest NVIDIA® GRID™ K1 and K2 cards, via the innovative 2U rack mount HP Z Virtual Workstation.

Sharp images, stand-out performance
- Optimized for HP's Remote Graphics Software, the remote workstation software built specifically for workstation users and their most graphics intensive applications. Great interactivity, even over long distances and poor network connections thanks to HP Velocity WAN optimization software, included with HP RGS or HP Thin clients.

Featuring
- Work confidently knowing your workstation is powered by the leadership and expertise of HP.
- Boost workforce efficiency from anywhere with a flexible complete solution architecture.
- A 2U rack system includes industry standard hypervisors, multiple protocols and integration with all HP end-point devices.
- See it all clearly with support for dual NVIDIA® GRID™ K2 or dual NVIDIA® Quadro® cards.
- Prevent data loss with centralized storage and encrypted transmittal to remote users.
- Unlock your infrastructure's potential with HP's easy-to-use integrated management and support.
- Enhanced storage performance with HP SmartDrives and HP SmartArray technology.
- Access and share your workstation- or server-based graphic-rich applications from any PC, thin client or Windows® tablet with HP Remote Graphics Software.[1]
- HP iLO Management comes standard on the HP DL380z Gen9 Virtual Workstation.
- Monitor remotely 24X7, and access your IT and support status.
- Reduce deployment time and update complexity with systematic and secure infrastructure updates with HP Smart Update.

HP recommends Windows.

HP DL380z Gen9 Virtual Workstation Specifications Table

Form Factor	2U Rack
Operating System	Windows 7 Professional 64 [5] HP DL380z Linux Installer Kit
Processor Family	Intel® Xeon® E5 v3 processor
Processors[1]	Intel® Xeon® E5-2699 v3 (2.3 GHz, 45 MB cache, 18 cores) Intel® Xeon® E5-2698 v3 (2.3 GHz, 40 MB cache, 16 cores) Intel® Xeon® E5-2697 v3 (2.6 GHz, 35 MB cache, 14 cores) Intel® Xeon® E5-2695 v3 (2.3 GHz, 35 MB cache, 14 cores) Intel® Xeon® E5-2690 v3 (2.6 GHz, 30 MB cache, 12 cores) Intel® Xeon® E5-2687W v3 (3.1 GHz, 25 MB cache, 10 cores) Intel® Xeon® E5-2685 v3 (2.6 GHz, 30 MB cache, 12 cores) Intel® Xeon® E5-2683 v3 (2 GHz, 35 MB cache, 14 cores) Intel® Xeon® E5-2680 v3 (2.5 GHz, 30 MB cache, 12 cores) Intel® Xeon® E5-2670 v3 (2.3 GHz, 30 MB cache, 12 cores) Intel® Xeon® E5-2667 v3 (3.2 GHz, 20 MB cache, 8 cores) Intel® Xeon® E5-2660 v3 (2.6 GHz, 25 MB cache, 10 cores) Intel® Xeon® E5-2650 v3 (2.3 GHz, 25 MB cache, 10 cores) Intel® Xeon® E5-2643 v3 (3.4 GHz, 20 MB cache, 6 cores) Intel® Xeon® E5-2640 v3 (2.6 GHz, 20 MB cache, 8 cores) Intel® Xeon® E5-2637 v3 (3.5 GHz, 15 MB cache, 4 cores) Intel® Xeon® E5-2630 v3 (2.4 GHz, 20 MB cache, 8 cores) Intel® Xeon® E5-2623 v3 (3 GHz, 10 MB cache, 4 cores) Intel® Xeon® E5-2620 v3 (2.4 GHz, 15 MB cache, 6 cores) Intel® Xeon® E5-2609 v3 (1.9 GHz, 15 MB cache, 6 cores) Intel® Xeon® E5-2603 v3 (1.6 GHz, 15 MB cache, 6 cores)
Maximum Memory	1.5 TB 2133 MHz DDR4 Registered SDRAM (3 TB maximum memory when 128 GB DIMMs are available. 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.)
Memory Slots	24 DIMM
Drive Controllers	Integrated HP Smart Array B140i Controller
Internal Storage	146 GB up to 600 GB SAS (15000 rpm) [2] 300 GB up to 1.2 TB SAS (10000 rpm) [2] 500 GB up to 1 TB SATA (7200 rpm) [2] 100 GB up to 1.6 TB SATA SSD [2] 100 GB up to 1.6 TB SAS SSD [2]
Optical Storage	Slim SATA DVD-ROM; Slim SATA DVD-RW [3]
Available Graphics	Virtualized GPU: NVIDIA® GRID™ K2 (8 GB); NVIDIA® GRID™ K1 (16 GB) Ultra High-end 3D: NVIDIA® Quadro® K6000 (12 GB) High-end 3D: NVIDIA® Quadro® K5200 (8 GB); NVIDIA® Quadro® K4200 (4 GB) Mid-range 3D: NVIDIA® Quadro® K2200 (4 GB)
Communications	HP Ethernet 1 GB 4-port 366FLR adapter (optional); HP VWS Ethernet 10 GB 2-port 560FLR-SFP+ adapter (optional)
Expansion Slots	CPU 1 Primary GPU Riser with 2 PCIe slots 1x16, 1x8 + AROC controller port (x8) + FlexibleLOM NIC port (x8); CPU 2 Secondary GPU Riser (optional) with 3 PCIe slots 2x16, 1x8
Ports and Connectors	Front: 1 USB 3.0 Back: 2 USB 2.0; 1 serial; 2 VGA Internal: 1 USB 3.0; 1 SD (Both VGA ports cannot be active simultaneously. Internal SD slot is not hot-pluggable. Optional dual SD slots available)
Drive Bays (External)	Eight 2.5" HP SmartDrive; Two 2.5" HP SmartDrive (optional); One slimline optical
Input Device [3]	HP USB Keyboard; [3]; HP USB Mouse; [3]
Security	Trusted Platform Module (TPM) support; Security bezel (optional)
Power	1400 W 94% efficient FlexSlot hot-swappable (up to 2); 800 W 94% efficient FlexSlot hot-swappable (up to 2)

Dimensions	17.54 x 26.75 x 3.44 in 44.55 x 67.95 x 8.73 cm
Weight	40.88 lb 18.54 kg (Approximate minimum weight. Exact weight depends upon configuration.)
Warranty	3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

HP recommends Windows.

Messaging Footnotes

[1] HP RGS requires a Windows or Linux operating system and Internet access.
[2] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com.

Technical Specifications Footnotes

[1] 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.
[2] For hard drives and solid state drives, GB = 1 billion bytes. Actual formatted capacity is less.
[3] Optional or add-on feature.
[4] All 2.5" (small form factor) hard disk drive options are hot swappable.
[5] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com.

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