

Data sheet

HP Z240 Tower Workstation - Agency

QEB2016-A



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Powered to manage your challenges

Powerful processors, graphics, and memory make the HP Z240 a true workstation-class solution. Handle your growing and complex workloads with performance for any stage in your work process.

Small price, big possibilities

The essential features of the HP Z240 Tower easily support your workload with slots and ports to spare. When you're ready for workstation class features, like professional ISV certifications, the HP Z240 Tower is the right first step.

Priced for your budget

HP's most affordable workstation allows you to customize your experience while still balancing your IT budget. HP reliability, thorough testing, and ISV certification means your HP Z240 is designed as a long-term budget friendly solution.

Featuring:

- Support your user's unique needs with Windows 10¹ or Linux operating systems.
- Get more performance, expandability and flexibility in the chassis the world loves.
- Achieve the performance you need with your choice of next generation Intel® Xeon® or Intel® Core™ processors.²
- Help internal components stay clean and cool with a removable and cleanable dust filter.
- Charge your device using the fast charging front USB port.



Specifications

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L8T12AV

Operating System ¹	Windows 10 Pro 64-bit (Windows 10 Enterprise 64-bit available with a Volume License Agreement) Preloaded 64-bit SDC 5.x with Office Suite (Default)
Processor ²	Intel® Core™ i5-6600 3.3/3.9 GHZ Turbo, 6 MB cache 2133 MHz RAM, Intel® HD Graphics 530, 4 Cores/4 Threads
Memory	8 GB (2x4 GB) DDR4-2133 non-ECC Unbuffered RAM
Storage ³	1TB 7200 RPM 6Gb/s SATA with 32 MB cache
Graphics	Integrated Intel® HD Graphics 530. ⁴ Support for Microsoft DirectX 11.1, OpenGL 4.0; 2 DisplayPort and 1 DVI-I Single Link connector. Included HP DisplayPort M to DVI F Dongle.
Power	400W active PFC; Dual voltage (100-240V 50/60 Hz) autosensing
Warranty	4 year next business day on-site with storage media retention and memory component retention
Energy Efficiency Compliance	EPEAT® Gold registered ⁵
Security	Trusted Computing Group certified Trusted Platform Module (TPM) version 1.2/2.0 - Infineon SLB9670, BIOS protection as identified in NIST SP 800-147, UEFI v2.4.0; BIOS settings comply. Systems currently ship with TPM 1.2 enabled; field upgrade to TPM 2.0 via Softpaq update is pending mid 2016, will notify Air Force of this change once approved at no cost upgrade/substitution on systems on QEB2016.
Removeable Media ⁶	HP Internal 9.5mm Slim SATA SuperMulti Optical Drive: DVD+/-R 8X; DVD+/-RW 8X; DVD+/-R DL 8X; CD-R 24X; CD-RW 24X; 4.7 GB single layer 8.5 GB dual layer
CAC Reader	External CAC Reader (SCR3310 v2.0)
Audio	HD Integrated -with Realtek HD ALC221 Audio Front: Headphone and MIC, Rear: Line-in, Line-out, MIC
Communications	Integrated 10/100/1000 Ethernet PHY Connection I217LM. Management capabilities: WOL, PXE 2.1 and AMT 9
I/O Ports and Connectors	Front: 2 USB 3.0, 1 USB 2.0, 1 USB 2.0 Charging Data Port, 1 Headphone, and 1 Microphone; Internal: 1 USB 3.0 and 3 USB 2.0 ports available as 2 separate 2x10(3.0 x1, 2.0 x1) and 2x5(2.0 x2) header: supports one HP Internal USB 2.0 Port Kit and one USB 3.0 Media Card Reader Rear: 1 DVI-I Single Link and 2 DisplayPort (DP 1.2) outputs from Intel HD graphics; 4 USB 3.0 ports, 2 USB 2.0 ports, 2 PS/2, RJ-45 (LoM), 1 Audio Line-in, and 1 Audio Line-out, Microphone.
Dimensions (H x W x D)	15.7 x 6.7 x 17.4 in
Weight	Typical: 20.79 lbs, Max: 26.2 lbs
Keyboard and Mouse	HP USB 104-key enhanced keyboard and HP USB Optical Mouse

Options

Options	Part Number	Description
	L8S17AV#ABA	OEM Windows 10 Pro 64-bit ⁷ (Non-Network Use Only) - USAF will allow system to be restored through restore partition that resides on hard drive. In the event of a hard drive failure, the USAF will allow restore media to be provided without customer requesting it.
	P3F89AV / M6Q31AV / M6Q10AV#ABA	OEM Linux® Red Hat® Enterprise Workstation or Desktop version with all device drivers for full functionality (1-yr maintenance support) USB Keyboard included with Red Hat Enterprise Linux®
	M6Q53AV	16 GB DDR4-2133 nECC (2x8 GB) Unbuffered RAM
	M6Q54AV	32 GB DDR4-2133 nECC (4x8 GB) Unbuffered RAM

Options (continued)	Part Number	Description
	N2L04AV	Intel® Xeon® E3-1245v5 3.5/3.9 GHZ Turbo, 8 MB cache 2133 MHz RAM, Intel® HD P530 Graphics, 4 Cores/4 Threads
	M6Q40AV	NVIDIA® Quadro® K620 2 GB with (1) Dual Link DVI-I and (1) DP 1st No cables included Graphics; Dual digital outputs, Direct X 11. Shader Model 5.0, OpenGL 4.4 - DP to DVI-D adapter included in base, supports dual independent monitors.
	M6U83AV	2 TB 7200 RPM 6Gb/s SATA with 64 MB cache
	FZ576AA / AY105AV	Upgrade hard drive to removable and retain internal optical drive - HP DX115 Removable HDD Frame/Carrier
	M6Q45AV	Intel® Gigabit Ethernet I210-T1 PCIe NIC 10/100/1000
	A898933/TAA	AT-2711FX/MT-901 100Mbps MMF MTRJ 2KM W/BOOT ROM 1310nm (MTRJ Connector) - Fiber PCIe NIC
	A970674/TAA	AT-2711FX/SC-901 100Mbps MMF SC 2KM W/ BOOT ROM 1310nm (SC Connector) - Fiber PCIe NIC
	A970676/TAA	AT-2711FX/ST-901 100Mbps MMF ST 2KM W/ BOOT ROM 1310nm (ST Connector) - Fiber PCIe NIC
	A898938/TAA	AT-2711FX/LC-901 100Mbps MMF SC 2KM W/ BOOT ROM 1310nm (LC Connector) - Fiber PCIe NIC
	A970673/TAA	AT-2911SX/SC-901 1000BSX NIC MM SC 850nm (SX/SC Connector) - Fiber PCIe NIC
	AY103AV	HP Standard PC BIOS Settings Service (Disable Audio)



- 1 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. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.
- 2 Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- 3 For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 36 GB (for Windows 8.1 and 10) of system disk is reserved for system recovery software.
- 4 HD content required to view HD images.
- 5 EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
- 6 Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.

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