HP Z420 Workstation

Performance you want. Value you need.



HP recommends Windows.



Performance you want. Value you need.

Maintain professional expandability in an accessible, tool-free mini-tower form factor—all at a great price. With support for next-generation Intel® Xeon® processor families, the latest graphics technology, and increased I/O expandability, the HP Z420 has the power you need to get the job done.

Intelligent, business-forward design.

Quickly and easily swap out parts or make upgrades on your own. The HP Z420 Workstation features a smart chassis design built for tool-less access to the inside and easy configurability. With optional liquid cooling, your workstation is designed for whisper-quiet performance and a smooth, daily work flow.¹

Maximum performance.

Bring power and performance to the next level with the all new E5-1680 v2 8-core processor and Intel® C602 chipset.² Achieve up to an 86% increase in memory bandwidth over previous generation HP workstations.³ Support up to 64 GB of the latest generation of system memory with 8 DIMM slots and integrated 1866 MHz DDR3 memory subsystem.⁴ Take advantage of a 600 W 90% efficient power supply ideal for high-end graphics and GPU compute solutions. Connect in a flash with 4X USB 3.0 bandwidth on an optional high-performance Thunderbolt™ 2.0 port⁵ on the HP Z420.

Customized to work for you.

Built to support next generation PCle Gen3 graphics, the HP Z420 currently offers a breadth of AMD and NVIDIA professional graphics card options from Pro 2D to high-end 3D, up to the NVIDIA Quadro 6000. Access high-performance applications, including 2D and 3D video, on-site or from a remote location with HP Remote Graphics software. Increase productivity and spread out with the freedom of seeing and doing more all at once with support for multiple displays at peak HD resolutions.

HP Z420 Workstation

- Handle in Top Optical Bay (optional)
- 2. 3 External 5.25" Bays
- 3. 15-in-1 Media Card Reader (optional)
- 4. Power Button
- Front I/O: 1 USB 2.0, 2 USB 3.0, 1 Headphone, 1 Microphone, 1 1394a
- 6. Easy-open Side Panel



HP Z420 Workstation

	Convertible minitower							
Available Operating Systems	Windows 7 Professional 32-bit* Windows 7 Professional 64-bit* Windows 7 Ultimate 64-bit* Windows 8 Pro 64-bit** Windows 8.1 64-bit** Windows 8.1 Pro 64-bit** Windows 8.1 Pro Downgrade to Windows 7 Professional 32-bit' Windows 8.1 Pro Downgrade to Windows 7 Professional 64-bit' HP Linux Installer Kit SUSE Linux Enterprise Desktop 11 (90 day support)							
Available Processors 1,8,9,10	Processor	GHz	Cache	Memory	Cores	Hyper-Threading	Intel® vPro™ Technology	Intel® Turbo Boost Technology ¹¹
Available Processors	Intel® Xeon® Processor E5-1680 v2 Intel Xeon Processor E5-2650 v2 Intel Xeon Processor E5-1660 v2 Intel Xeon Processor E5-1650 v2 Intel Xeon Processor E5-1620 v2 Intel Xeon Processor E5-1607 v2 Intel Xeon Processor E5-1620 Intel Xeon Processor E5-1630	3.0 2.6 3.7 3.5 3.7 3.0 3.6 2.8	25 MB 20 MB 15 MB 12 MB 10 MB 10 MB 10 MB	1866 MHz 1866 MHz 1866 MHz 1866 MHz 1866 MHz 1600 MHz 1600 MHz	8 8 6 6 4 4 4	Y Y Y Y Y N N	Y Y Y Y Y Y Y	4, 9 4, 8 2, 3 1, 4 0, 2 N/A 2,3 N/A
Chipset	Intel® C602 Chipset							
Memory ¹²	8 DIMM slots; Up to 64 GB (8x8GB) ECC unbuffered DDR3 1866 MHz (600W PSU chassis); Up to 32 GB (8x4GB) ECC unbuffered DDR3 1866 MHz (400W PSU chassis); 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 9217 -4i4e 8-port SAS/SATA 6 Gb/s, RAID 0, 1, 10 capable							
Storage ^{13,14}	Up to (4) 3.5-inch 7200 rpm SATA drives: 250, 500 GB, 1, 2, 3 TB, 12 TB max; Up to (4) 2.5-inch 10K rpm SATA drives: 500 GB, 1 TB, 4 TB max; Up to (4) 2.5-inch 10K rpm SAS drives: 300, 600, 600, 900 GB, 1.2 TB, 4.8 TB max; Up to (4) 3.5-inch 15K rpm SAS drives: 300, 450, 600 GB, 2.4 TB max; Up to (4) 2.5-inch SATA solid state drives: 128, 180, 240, 256, 480, 512 GB, 2 TB max; Up to (1) 2.5-inch SATA self-encrypting hard drive (SED HDD): 500 GB; Up to (1) PCIe SSD Fusion ioFX 410 GB PCIe; Up to (2) PCIe SSD HP Z Turbo Drives 256 GB, 512 GB (1 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 ^{15,16}	DVD-ROM, DVD+/-RW DL Super-Multi, Blu-ray Writer, 15-in-1 Media Card Reader							
•	DVD Nori, DVD / NW DE Super Platti	, blu-ray	writer, 13-11	n-1 Media Card	Reader			
Drive Bays	3 external 5.25-inch bays, 3 internal 3					h bay converters); up	to 4 eSATA	
Drive Bays Expansion Slots		3.5-inch I	HDD bays (4 1 PCI Expre	total when usi	ng 5.25-inc			trical;
	3 external 5.25-inch bays, 3 internal 3.2 PCI Express Gen3 x16 mechanical/e1 PCI Express Gen2 x4 mechanical/x1 Professional 2D: NVIDIA NVS 300, Entry 3D: NVIDIA Quadro 4 Mid-range 3D: NVIDIA Quadro K	electrical; electrical; electrica NVIDIA N 10, NVID	HDD bays (4 1 PCI Expre sl; 1 Legacy I NVS 310, NV IA Quadro K	total when using ss Gen3 x8 me PCI IDIA NVS 315, N 600, AMD FireF	ng 5.25-inc chanical/ele NVIDIA NVS ro™ V3900	ectrical; 1 PCI Express 510	Gen2 x8 mechanical/x4 elec	trical; esla K20c,†† NVIDIA Tesla K40††
Expansion Slots	3 external 5.25-inch bays, 3 internal 3.2 PCI Express Gen3 x16 mechanical/e1 PCI Express Gen2 x4 mechanical/x1 Professional 2D: NVIDIA NVS 300, Entry 3D: NVIDIA Quadro 4 Mid-range 3D: NVIDIA Quadro K	B.5-inch I electrical; electrica NVIDIA N 10, NVID 12000 4000,†† N	HDD bays (4 1 PCI Expre il; 1 Legacy I NVS 310, NV IA Quadro K VIDIA Quadro	total when using ss Gen3 x8 me PCI IDIA NVS 315, N GOO, AMD FireFook K5000, WVID	ng 5.25-inc chanical/ela NVIDIA NVS Iro™ V3900 IA Quadro K	ectrical; 1 PCI Express 510) 6000 (AMO only),# AM	Gen2 x8 mechanical/x4 elec D FirePro™ W7000,†† NVIDIA Te	
Expansion Slots Available Graphics	3 external 5.25-inch bays, 3 internal 3 2 PCI Express Gen3 x16 mechanical/s1 1 PCI Express Gen2 x4 mechanical/x1 Professional 2D: NVIDIA NVS 300, Entry 3D: NVIDIA Quadro 4 Mid-range 3D: NVIDIA Quadro K High-end 3D: NVIDIA Quadro K	electrical; electrical; electrica NVIDIA N 10, NVID 2000 4000,** N udio; Cre	HDD bays (4 1 PCI Expre sl; 1 Legacy I NVS 310, NV IA Quadro K VIDIA Quadro cative Recon	total when usi ss Gen3 x8 me PCI IDIA NVS 315, 1 600, AMD FireF b K5000,# NVID 3D PCIe Audio 0 tional Intel Ethe	ng 5.25-inc chanical/elo NVIDIA NVS Iro™ V3900 IA Quadro K Card; option	510 6000 (AMO only)," AM nal HP Thin USB Powe	Gen2 x8 mechanical/x4 elec D FirePro™ W7000,†† NVIDIA Te red Speakers Broadcom NIC; Optional HP 3	esla K20c,†† NVIDIA Tesla K40††
Expansion Slots Available Graphics Audio	3 external 5.25-inch bays, 3 internal 3.2 PCI Express Gen3 x16 mechanical/e1 PCI Express Gen2 x4 mechanical/s1 Professional 2D: NVIDIA NVS 300, Entry 3D: NVIDIA Quadro 4 Mid-range 3D: NVIDIA Quadro 6 High-end 3D: NVIDIA Quadro 6 Integrated Intel/Realtek HD ALC262 A Integrated Intel GbE LAN; Optional Int Optional HP X520 10GbE Dual Port Active Front: 2 USB 3.0, 1 USB 2.0, 1 I	3.5-inch la selectrical; electrical; electrical; electrical NVIDIA N 10, NVID 12,000 4000, 11 N udio; Creel CT x 1 I dapter; O EEE 139-gabit LAN gabit LAN	HDD bays (4 1 PCI Expre nl; 1 Legacy I NVS 310, NV IA Quadro K VIDIA Quadro attive Recon PCIe NIC; Opi ptional HP 1 4a standard 4a standard I, 1 serial via	total when using specific total when using specific total when using specific total library and specific total library specific total lib	ng 5.25-inc chanical/ele NVIDIA NVS Fro™ V390C IA Quadro K Card; option ernet I210- Transceive in, 1 headp ports via o ter, 1 Thunc	ectrical; 1 PCI Express 510 6000 (AMO only), ** AM hal HP Thin USB Powe T1 PCIe NIC; Optional I r; Infineon TPM 1.2 Co shone out ptional add-in PCIe ca derbolt™ 2 port via op	Gen2 x8 mechanical/x4 elect D FirePro™ W7000, ^{††} NVIDIA To red Speakers Broadcom NIC; Optional HP 3 ntroller rd, 1 audio in, 1 audio out, 1 tional add-in PCle card¹.5	esla K20c,†† NVIDIA Tesla K40†† 61T PCIe Dual Port Gigabit NIC;
Expansion Slots Available Graphics Audio Network	3 external 5.25-inch bays, 3 internal 3 2 PCI Express Gen3 x16 mechanical/e 1 PCI Express Gen2 x4 mechanical/s1 Professional 2D: NVIDIA NVS 300, Entry 3D: NVIDIA Quadro 4 Mid-range 3D: NVIDIA Quadro K High-end 3D: NVIDIA Quadro K Integrated Intel/Realtek HD ALC262 A Integrated Intel GbE LAN; Optional Int Optional HP X520 10GbE Dual Port Ac Front: 2 USB 3.0, 1 USB 2.0, 1 I Rear: 2 USB 3.0, 4 USB 2.0, 1 I	3.5-inch la selectrical; electrical; electrical; electrical NVIDIA N 10, NVID 12,000 4000, 11 N udio; Creel CT x 1 I dapter; O EEE 139-gabit LAN gabit LAN	HDD bays (4 1 PCI Expre nl; 1 Legacy I NVS 310, NV IA Quadro K VIDIA Quadro attive Recon PCIe NIC; Opi ptional HP 1 4a standard 4a standard I, 1 serial via	total when using specific total when using specific total when using specific total library and specific total library specific total lib	ng 5.25-inc chanical/ele NVIDIA NVS Fro™ V390C IA Quadro K Card; option ernet I210- Transceive in, 1 headp ports via o ter, 1 Thunc	ectrical; 1 PCI Express 510 6000 (AMO only), ** AM hal HP Thin USB Powe T1 PCIe NIC; Optional I r; Infineon TPM 1.2 Co shone out ptional add-in PCIe ca derbolt™ 2 port via op	Gen2 x8 mechanical/x4 elect D FirePro™ W7000, ^{††} NVIDIA To red Speakers Broadcom NIC; Optional HP 3 ntroller rd, 1 audio in, 1 audio out, 1 tional add-in PCle card¹.5	esla K20c,†† NVIDIA Tesla K40†† 61T PCIe Dual Port Gigabit NIC;
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Expansion Slots Available Graphics Audio Network Ports Remote Technology	3 external 5.25-inch bays, 3 internal 3.2 PCI Express Gen3 x16 mechanical/e1 PCI Express Gen2 x4 mechanical/s1 Professional 2D: NVIDIA NVS 300, Entry 3D: NVIDIA Quadro 4 Mid-range 3D: NVIDIA Quadro 6 High-end 3D: NVIDIA Quadro 6 Integrated Intel/Realtek HD ALC262 A Integrated Intel GbE LAN; Optional Intoptional HP X520 10GbE Dual Port Action 1 Rear: 2 USB 3.0, 4 USB 2.0, 11 Rear: 2 USB 3.0, 4 USB 2.0, 11 Internal: 6 USB 2.0, supports up the HP Remote Graphics Software (RGS) PS/2 standard keyboard; USB standard standard supports and supports and supports and supports yet and yet a	3.5-inch I electrical; electrical; electrica NVIDIA N.10, NVID 12000 4000," N udio; Cre el CT x1 I dapter; O EEE 139: gabit LAN o three F	HDD bays (4 1 PCI Expre nl; 1 Legacy I NVS 310, NV IA Quadro K VIDIA QUADRO	total when using seasons and total when using seasons are pci. IDIA NVS 315, N. 6600, AMD FireFoot K5000, "I NVID 3D PCIe Audio (I tional Intel Etheographic SFP+ SR., 1 microphone., 2 IEEE 1394b and optional adap ISB Port Kits (o) art Card Keybo	ng 5.25-inc chanical/ele IVIDIA NVS rro™ V390C IA Quadro K Card; optior Pransceive in, 1 headp ports via o ter, 1 Thunch ne two-por	ectrical; 1 PCI Express 510 6000 (AMO only), ^{‡†} AM nal HP Thin USB Powe F1 PCIe NIC; Optional r; Infineon TPM 1.2 Co phone out ptional add-in PCIe ca derbolt™ 2 port via op t kit on each 2x5 heac	Gen2 x8 mechanical/x4 election D FirePro™ W7000, ^{††} NVIDIA Tered Speakers Broadcom NIC; Optional HP 3 ntroller rd, 1 audio in, 1 audio out, 1 tional add-in PCIe card ^{1,5} ler)	esla K20c, ^{††} NVIDIA Tesla K40 ^{††} 61T PCIe Dual Port Gigabit NIC; microphone in, 2 PS/2,
Expansion Slots Available Graphics Audio Network Ports Remote Technology Input Devices	3 external 5.25-inch bays, 3 internal 3 2 PCI Express Gen3 x16 mechanical/e 1 PCI Express Gen2 x4 mechanical/x1 Professional 2D: NVIDIA NVS 300, Entry 3D: NVIDIA Quadro 4 Mid-range 3D: NVIDIA Quadro 6 High-end 3D: NVIDIA Quadro 6 Integrated Intel/Realtek HD ALC262 A Integrated Intel GbE LAN; Optional Int Optional HP X520 10GbE Dual Port Ac Front: 2 USB 3.0, 1 USB 2.0, 11 Rear: 2 USB 3.0, 4 USB 2.0, 11 1 RJ-45 to integrated Gi Internal: 6 USB 2.0, supports up t HP Remote Graphics Software (RGS) PS/2 standard keyboard; USB standar USB SpaceExplorer; USB SpacePilot; L	B.5-inch I electrical; electrical; electrica NVIDIA N 10, NVID 2000 4000," N udio; Cree el CT x1 I dapter; O EEE 139: gabit LAN o three I	HDD bays (4 1 PCI Expre nl; 1 Legacy I NVS 310, NV IA Quadro K VIDIA Quadro K VIDIA Quadro K OELE NIC; Opiptional HP 1 4a standard Aa standard A, 1 serial via HP Internal U ard; USB Sm r Scroll Mous n)	total when using seasons and seasons are total when using seasons are pci libia NVS 315, N 1600, AMD FireFoot K5000, P NVID 3D PCIe Audio (1) tional Intel Etheographic SFP+ SR 1 microphone 1, 2 IEEE 1394b a optional adap ISB Port Kits (0) art Card Keybose	ng 5.25-inc chanical/ele IVIDIA NVS rro™ V390C IA Quadro K Card; optior ernet 1210- Transceive in, 1 headp ports via o ter, 1 Thunche two-por	ectrical; 1 PCI Express 510 6000 (AMO only), ^{‡†} AM nal HP Thin USB Powe F1 PCIe NIC; Optional r; Infineon TPM 1.2 Co phone out ptional add-in PCIe ca derbolt™ 2 port via op t kit on each 2x5 heac	Gen2 x8 mechanical/x4 election D FirePro™ W7000, ^{††} NVIDIA Tered Speakers Broadcom NIC; Optional HP 3 ntroller rd, 1 audio in, 1 audio out, 1 tional add-in PCIe card ^{1,5} ler)	esla K20c, ^{††} NVIDIA Tesla K40 ^{††} 61T PCIe Dual Port Gigabit NIC; microphone in, 2 PS/2,
Expansion Slots Available Graphics Audio Network Ports Remote Technology Input Devices Dimensions (H x W x D)	3 external 5.25-inch bays, 3 internal 3.2 PCI Express Gen3 x16 mechanical/e1 PCI Express Gen2 x4 mechanical/s1 Professional 2D: NVIDIA NVS 300, Entry 3D: NVIDIA Quadro 4 Mid-range 3D: NVIDIA Quadro 6 High-end 3D: NVIDIA Quadro 6 High-end 3D: NVIDIA Quadro 6 Integrated Intel/Realtek HD ALC262 A Integrated Intel GbE LAN; Optional Intoptional HP X520 10GbE Dual Port Action 1 Rear: 2 USB 3.0, 1 USB 2.0, 11 Rear: 2 USB 3.0, 4 USB 2.0, 11 Internal: 6 USB 2.0, supports up to the Remote Graphics Software (RGS) PS/2 standard keyboard; USB SpacePilot; Ludon 17.63 x 7.0 x 17.5 in (44.76 x 17.78 x 17.63 x 7.0 x 17.5 in (44.76 x 17.78 x 17.78 x 17.63 x 7.0 x 17.5 in (44.76 x 17.78 x	3.5-inch lelectrical; electrical; electrical; electrical; 10, NVIDIA N	HDD bays (4 1 PCI Expre nl; 1 Legacy I NVS 310, NV IA Quadro K VIDIA Quadro K VIDIA Quadro K VIDIA Quadro K VIDIA Quadro K ative Recon PCIe NIC; Opi ptional HP 1 4a standard 4a standard 4a standard I, 1 serial via IP Internal U ard; USB Sm r Scroll Mous m) Natt 90% eff	total when using segments total when using segments and segments are segments as total when using segments are segments as to the using segments are segments as to the using segments are segments as to the using segments are segments as the using segment	ng 5.25-inc chanical/ele IVIDIA NVS rro™ V390C IA Quadro K Card; optior ernet I210- Transceive in, 1 headp ports via o ter, 1 Thunc ne two-por	ectrical; 1 PCI Express 510) 6000 (AMO only), ** AM nal HP Thin USB Powe F1 PCIe NIC; Optional I r; Infineon TPM 1.2 Co whone out ptional add-in PCIe ca derbolt ** 2 port via op t kit on each 2x5 heac	Gen2 x8 mechanical/x4 elect D FirePro™ W7000,™ NVIDIA To red Speakers Broadcom NIC; Optional HP 3 ntroller rd, 1 audio in, 1 audio out, 1 tional add-in PCle card¹.5 ler) SB 2-button optical scroll mo	esla K20c, ^{††} NVIDIA Tesla K40 ^{††} 61T PCle Dual Port Gigabit NIC; microphone in, 2 PS/2, use; USB 3-button optical mouse;

Screen images courtesy of Autodesk

- * This system may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. Not all features are available in all editions of Windows 7. See microsoft.com/windows/windows-7/ for details.
- ** Not all features are available in all editions of Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8 and 8.1 functionality. See www.microsoft.com.
- *** Each drive requires a PCle x4 (minimum)
- † This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 8.1 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- †† Supported only in the Z420 600W power supply chassis.
- 1. Sold as an optional or add on feature.
- 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 on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations.
- 3. Up to 86% increase in available memory bandwidth can be achieved on the Z420 over the Z400 on optimized configurations with memory distributed across all channels using 1,333 MHz memory speed on the Z400 and 1,866 MHz memory speed on the Z420. This does not imply an 86% increase in performance.
- 4. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
- 5. Thunderbolt™ 2 is available via an optional add-in card. Thunderbolt is new technology. Thunderbolt cable and Thunderbolt device (sold separately) must be compatible with Windows. To determine whether your device is Thunderbolt Certified for Windows, see thunderbolttechnology.net/products.
- 6. HP Remote Graphics Software requires Windows and an internet connection.
- 7. Support for external displays as a standard feature through integrated processor-based graphics is dependent upon the particular workstation configuration; the actual number of displays supported will vary. An optional graphics solution will be required for the support of additional displays. Additional cables required. HD (high-definition) content required to view HD images.
- 8. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See intel.com/info/em64t for more information.
- 9. Intel's numbering is not a measurement of higher performance.
- 10. Although the Intel Xeon E5-2600 processor family supports dual processors, the HP Z420 Workstation does not support dual processor configurations.
- 11. The specifications shown in this column represent the following: (all core maximum turbo steps, one core maximum turbo steps). Turbo boost stepping occurs in 100MHz increments. Processors that do not have turbo functionality are denoted as N/A. Intel® Turbo Boost technology requires a PC with a processor with Intel® Turbo Boost capability. Intel® Turbo Boost performance varies depending on hardware, software, and overall system configuration. Please visit intel.com/technology/turboboost for more information.
- 12. Each processor supports up to 4 channels of DDR3 memory. To realize full performance at least 1 DIMM must be inserted into each channel.
- 13. SATA hardware RAID is not supported on Linux systems. The Linux kernel, with built-in software RAID, provides excellent functionality and performance. It is a good alternative to hardware-based RAID. Please visit https://docs/supportManual/c00060684/c00060684.pdf for RAID capabilities with Linux.
- 14. For hard drives and solid state drives, GB=1 billion bytes. TB= 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB is reserved for system recovery software.
- 15. Actual speeds may vary. Does not permit copying of commercially available DVD movies or other copyright protected materials. Intended for creation and storage of your original material and other lawful uses. Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided Version 1.0 media.
- 16. As Blu-ray is a new format containing new technologies, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD DVD movies cannot be played on this workstation.
- 17. HP Care Pack Services extend service contracts beyond the standard warranties. Service starts from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at hp.com/go/carepack. Service levels and response times for HP Care Packs may vary depending on your geographic location.

Learn more

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