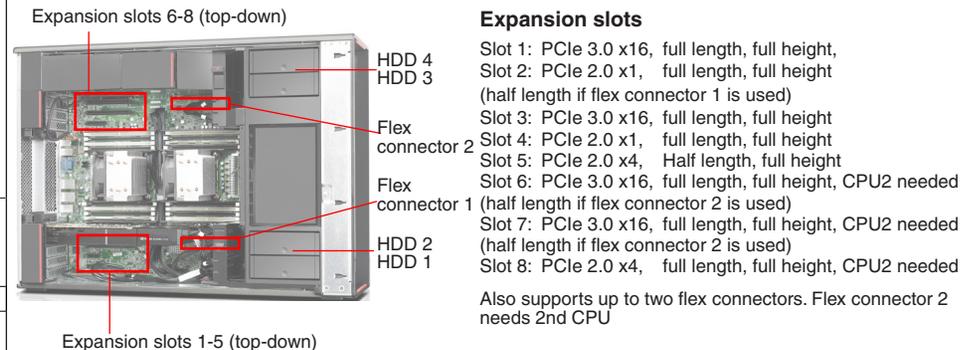


# ThinkStation P910 Platform Specifications

Components	Specification																																																																																															
Chipset	Intel C612 Platform Controller Hub (PCH)																																																																																															
System mgmt	Intel Active Management Technology 9																																																																																															
Processor	Up to two 160W <b>Intel Xeon E5-2600 v4</b> family processors. Each processor supports up to 22 cores up to 2.2GHz, 16 cores up to 2.6GHz, 14 cores up to 2.6GHz, 12 cores up to 3GHz, 10 cores up to 2.4GHz, 8 cores up to 3.2GHz, 6 cores up to 3.4GHz, 4 cores up to 3.5GHz. Or up to two Intel Xeon E5-2620 v3 or E5-2609 v3 processors (not available in EMEA)																																																																																															
Coprocessor	Optional. Up to one Intel Xeon Phi Coprocessor 3120A, PCIe 2.0 x16 adapter, 57 cores, 1.1GHz, 28.5MB L2 cache, 6GB memory, 300W																																																																																															
Memory DIMM slots	16 DIMM sockets (8 DIMMs per processor), 8-channel capable (4-channel per processor). RDIMM or LRDIMM (cannot be intermixed), ECC, DDR4, 2400MHz																																																																																															
Memory capacity	896GB (LRDIMM, 14x64GB)/512GB (RDIMM, 16x32GB), 2nd CPU is needed																																																																																															
Graphics and GPU computing	Four PCIe 3.0 x16 slots for graphics and GPU computing cards, two slots per processor																																																																																															
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Disk drive controller	<b>RAID 0, 1, 5, 10</b> with onboard SATA controller in chipset, 6Gb/s SATA. <b>RAID 0, 1, 5, 10</b> with optional LSI RAID flex adapter, 12Gb/s SAS and SATA. <b>RAID 0, 1, 5, 6, 10</b> with optional LSI 9364-8i PCIe adapter, 1GB memory, 12Gb/s SAS and SATA																																																																																															
Drive Bays	Three external 5.25" bays, four internal 3.5" dual drives bays (see right)																																																																																															
Supporting storage	3.5" SATA HDD, 7.2K 6Gbs																																																																																															
	2.5" SAS HDD, 15K 12Gbs																																																																																															
	2.5" SAS SSD, 12Gbs																																																																																															
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	PCIe SSD adapter																																																																																															
Flex connector	Two flex connectors (see right), one per processor. Supports one of the following: <ul style="list-style-type: none"> <li>Up to one LSI RAID flex adapter for SATA/SAS RAID.</li> <li>Up to two Multi-I/O adapters for four PCIe SSD (two PCIe SSD per adapter).</li> <li>Up to two M.2 flex adapters for four M.2 PCIe SSD (two M.2 PCIe SSD per adapter)</li> </ul>																																																																																															
Network interfaces	Integrated two-port gigabit ethernet (Intel i218LM and i210AT), supports Wake-on-LAN. Optional discrete ethernet adapters are available																																																																																															
HD Audio	Realtek ALC662 codec																																																																																															
TPM	TCG 1.2-compliant																																																																																															
Power supply	One fixed 1300 watts, autosensing, 92% PSU, 80 PLUS Platinum qualified <i>Note: PSU will automatically operate in 1120W (restricted mode) if the system line input is 100-110V. For other supported system line input voltages, the PSU will operate at the full 1300W.</i>																																																																																															

Components	Specification	
Front ports	Four USB 3.0 (one Diagnostic, one Always On), one combo audio/microphone jack (3.5mm)	
Rear ports	Four USB 2.0, four USB 3.0 (blue), one serial (9-pin), two ethernet (RJ-45), three analog audio ports (line-in, line-out, mic-in), two PS/2	
Add-on ports	Supports the following optional ports: Two IEEE 1394 (one on rear and one on front flex module) via PCIe adapter, up to one adapter per system. Two rear USB 3.0 per PCIe adapter, up to three adapters per system. One rear Thunderbolt via PCIe adapter. One front eSATA (on flex module), or one rear eSATA via cable (also needs one PCIe slot), up to one eSATA port per system. One internal USB 3.0 port via cable, cannot be intermixed with 29-in-1 reader	
Media reader	9-in-1 USB 2.0 card reader. Optional 29-in-1 USB 3.0 card reader on flex module	
Mechanical	<ul style="list-style-type: none"> <li>55-liter: 200mm/7.87" W x 620mm/24.4" D x 446mm/17.56" H (with feet)</li> <li>Tool-less parts: all except CPU fansink</li> <li>71.3 lb (32.3kg) max configuration</li> </ul>	
Environmental specification	Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
	Temperature - non operating (no package)	14 °F to 140 °F (-10 °C to 60 °C)
	Temperature - non operating (with package)	-40 °F to 140 °F (-40 °C to 60 °C)
	Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
	Humidity - operating	10%-80%, non-condensing
	Humidity - storage (with package)	10%-90%, non-condensing
	RoHS-compliant, GREENGUARD on all models. EPEAT Gold rating, ENERGY STAR 6.1 qualified on selected models.	
Base warranty	3-year limited onsite service with 9x5/NBD	



**Drive bays**  
HDD 1-4: Standard 3.5" HDD bay, up to four 3.5" or 2.5" disk drives.  
Each 3.5" bay supports 2.5" (9mm or less) drive plus 3.5" drive, or two 2.5" (15mm or less) drives. More than 4 drives requires LSI RAID flex adapter or 9364-8i adapter,  
Flex bay: Three 5.25" flex bays, for HH optical drives.  
Or up to one optional flex module (Flex module supports one or more of the following options: 9.5mm optical/29-in-1 USB 3.0 reader/front IEEE 1394/front eSATA).  
Or up to two HDD bays for two drives, 3.5" or 2.5" each, SATA only.

For the list of ISV certifications, please visit [www.thinkworkstations.com/isv-certifications/](http://www.thinkworkstations.com/isv-certifications/)  
For a list of all supported options, please visit [https://download.lenovo.com/pccbbs/options\\_iso/ocm\\_july\\_2016.xlsx](https://download.lenovo.com/pccbbs/options_iso/ocm_july_2016.xlsx)