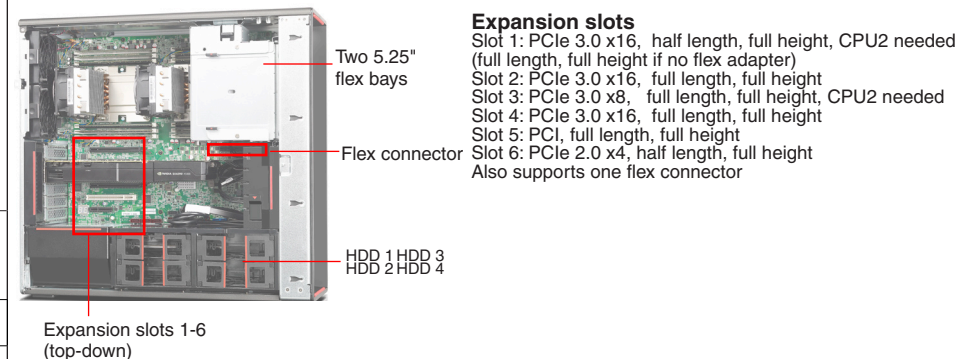


ThinkStation P710 Platform Specifications

Product Specifications Reference (PSREF)

Components	Specification					
Chipset	Intel C612 Platform Controller Hub (PCH)					
System mgmt	Intel Active Management Technology 9					
Processor	Up to two 145W Intel Xeon E5-2600 v4 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 2.2GHz, 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	None					
Memory DIMM slots	12 DIMM sockets (6 DIMMs per processor), 8-channel capable (4-channel per processor). RDIMM, ECC, DDR4-2400					
Memory capacity	384GB, 2nd CPU is needed					
Graphics, GPU computing	Three PCIe 3.0 x16 slots, two via CPU1, one via CPU2. Up to three graphics and GPU computing adapters, 2nd CPU is needed					
	PSU	Maximum quantity of PCIe x16 adapters per system (by power)				
	650W	1x150W+2x75W with onboard SATA controller and up to two 120W CPU each 850W	1x300W+2x75W (up to two 120W CPU each), or 2x150W+1x75W			
Supporting Graphics and GPU computing	Adapter	Cores	Memory	Power	SLI	Connector***
	NVS 310	48	1GB	19.5W		2xDP
	NVS 315	48	1GB	19.5W		2xDVI-I SL/2xDP
	NVS 510	192	2GB	35W		4xmini DP
	NVS 810	1024	4GB	68W		8xmini DP
	Quadro K420	192	2GB	41W		DVI-I DL+DP
	Quadro K620	384	2GB	45W		DVI-I DL+DP
	Quadro K1200	512	4GB	45W		4xmini DP
	Quadro K2200	640	4GB	68W		DVI-I DL+2xDP
	Quadro K4200	1344	4GB	108W		DVI-I DL+2xDP
	Quadro K5200	2304	8GB	150W	SLI	DVI-I DL+DVI-D DL+2xDP
	Quadro M2000	768	4GB	75W		4xDP
	Quadro M4000	1664	8GB	120W		4xDP
	Quadro M5000	2048	8GB	150W	SLI	DVI-I DL+4xDP
	Quadro M6000	3072	24GB	250W	SLI	DVI-I DL+4xDP
	Quadro P5000	2560	16GB	180W		DVI-D DL+4xDP
	Quadro P6000	3840	24GB	250W		DVI-D DL+4xDP
Tesla K40	2880	12GB	235W			
Disk drive controller	RAID 0, 1, 5, 10 with onboard SATA controller in chipset, SATA 6Gb/s. RAID 0, 1, 5, 10 with optional LSI RAID flex adapter, 12Gb/s SAS and SATA. RAID 0, 1, 5, 6, 10 with optional LSI 9364-8i PCIe adapter, 1GB memory, 12Gb/s SAS and SATA					
Drive Bays	Two external 5.25" flex bays, four 3.5" internal bays. Each 3.5" bay can support dual drives on selected models (see right)					
Supporting storage	3.5" SATA HDD, 7.2K 6Gbs		500GB/1TB/2TB/3TB/4TB/6TB/1TB hybrid/2TB hybrid			
	2.5" SAS HDD, 15K 12Gbs		300GB/600GB			
	2.5" SAS SSD, 12Gbs		200GB/400GB/800GB			
	2.5" SAS HDD, 10K 12Gbs		300GB			
	2.5" SATA SSD, 6Gbs		180GB/240GB/256GB/480GB/512GB/1TB, optional OPAL			
	PCIe SSD, 2.5"		400GB			
	PCIe SSD, M.2		256 GB/512GB/1TB			
Flex connector	PCIe SSD adapter		400GB (up to 4 per system)			
	One flex connectors (see right), supports one of the following: • Up to one LSI RAID flex adapter for SATA/SAS RAID • Up to one Multi-I/O flex adapters for two PCIe SSD • Up to one M.2 flex adapters for two M.2 PCIe SSD					
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 650 watts or 850 watts, autosensing, 92%, 80 PLUS Platinum qualified					

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"> 36-liter: 175mm/6.89" W x 485mm/19.1" D x 446mm/17.6" H (with feet) Tool-less parts: all except CPU fansink 52.25 lb (23.7kg) max configuration
Environmental specification	Temperature - operating
	Temperature - non operating (no package)
	Temperature - non operating (with package)
	Altitude - operating
	Humidity - operating
Base warranty	Humidity - storage (with package)
	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.
On selected models, each 3.5" bay can supports 2.5" (9mm or less) drive plus 3.5" drive, or two 2.5" (15mm or less) drives.
Flex bay: Two 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/
For a list of all supported options, please visit https://download.lenovo.com/pccbbs/options_iso/ocm_december_2016.xlsx sheet

Model	30B70005++
Product	ThinkStation P710
Region	EMEA Focus
Machine Type	30B7
TopSeller	TopSeller
Processor	2xXeon E5-2630 v4 10C/2.2GHz/25MB/85W/DDR4-2133
Graphics	Open
Memory (Capacity/Type)	4x8GB RDIMM DDR4-2400 ECC
RAID Controller	Onboard
Max Drives in 3.5" Bays	4
Storage (Capacity/Type/Interface)	1x512GB SSD M.2 PCIe
Optical	HH DVD±RW
Media Reader	9-in-1
Power Supply	650W 92%
Add-on Ports	None
Discrete ethernet	None
Keyboard / Mouse	USB / USB Optical
Operating System	Windows 10 Pro 64
Warranty	3-year
Global	No
Ann Date (mm/yy)	04/16