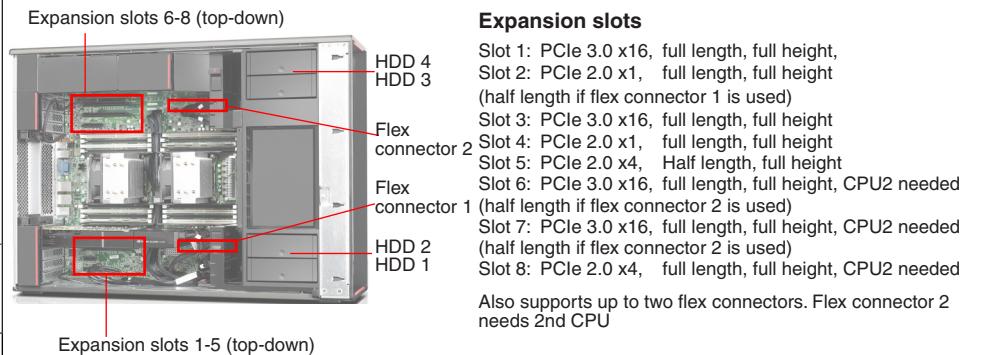


Components	Specification																																																																																																																		
Chipset	Intel C612 Platform Controller Hub (PCH)																																																																																																																		
System mgmt	Intel Active Management Technology 9																																																																																																																		
Processor	Up to two 160W 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 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	<p>Four PCIe 3.0 x16 slots for graphics and GPU computing cards, two slots per processor</p> <table border="1"> <thead> <tr> <th>Installed CPU</th><th>Maximum quantity of PCIe x16 adapters per system (by power)</th></tr> </thead> <tbody> <tr> <td>1</td><td>1x300W+1x75W or 2x150W</td></tr> <tr> <td>2</td><td>2x300W+2x75W, or 1x300W+2x150W+1x75W, or 4x150W</td></tr> </tbody> </table> <p>Supporting Graphics and GPU computing</p> <table border="1"> <thead> <tr> <th>Adapter</th><th>Cores</th><th>Memory</th><th>Power</th><th>SLI</th><th>Connector***</th></tr> </thead> <tbody> <tr><td>NVS 310</td><td>48</td><td>1GB</td><td>19.5W</td><td></td><td>2xDP</td></tr> <tr><td>NVS 315</td><td>48</td><td>1GB</td><td>19.5W</td><td>2x</td><td>DVI-I SL/2xDP</td></tr> <tr><td>NVS 510</td><td>192</td><td>2GB</td><td>35W</td><td></td><td>4xmini DP</td></tr> <tr><td>NVS 810</td><td>1024</td><td>4GB</td><td>68W</td><td></td><td>8xmini DP</td></tr> <tr><td>Quadro K420</td><td>192</td><td>2GB</td><td>41W</td><td></td><td>DVI-I DL+DP</td></tr> <tr><td>Quadro K620</td><td>384</td><td>2GB</td><td>45W</td><td></td><td>DVI-I DL+DP</td></tr> <tr><td>Quadro K1200</td><td>512</td><td>4GB</td><td>45W</td><td></td><td>4xmini DP</td></tr> <tr><td>Quadro K2200</td><td>640</td><td>4GB</td><td>68W</td><td></td><td>DVI-I DL+2xDP</td></tr> <tr><td>Quadro K4200</td><td>1344</td><td>4GB</td><td>108W</td><td></td><td>DVI-I DL+2xDP</td></tr> <tr><td>Quadro K5200</td><td>2304</td><td>8GB</td><td>150W</td><td>SLI</td><td>DVI-I DL+DVI-D DL+2xDP</td></tr> <tr><td>Quadro M2000</td><td>768</td><td>4GB</td><td>75W</td><td></td><td>4xDP</td></tr> <tr><td>Quadro M4000</td><td>1664</td><td>8GB</td><td>120W</td><td></td><td>4xDP</td></tr> <tr><td>Quadro M5000</td><td>2048</td><td>8GB</td><td>150W</td><td>SLI</td><td>DVI-I DL+4xDP</td></tr> <tr><td>Quadro M6000</td><td>3072</td><td>24GB</td><td>250W</td><td>SLI</td><td>DVI-I DL+4xDP</td></tr> <tr><td>Quadro P5000</td><td>2560</td><td>16GB</td><td>180W</td><td></td><td>DVI-D DL+4xDP</td></tr> <tr><td>Quadro P6000</td><td>3840</td><td>24GB</td><td>250W</td><td></td><td>DVI-D DL+4xDP</td></tr> <tr><td>Tesla K40</td><td>2880</td><td>12GB</td><td>235W</td><td></td><td></td></tr> </tbody> </table>	Installed CPU	Maximum quantity of PCIe x16 adapters per system (by power)	1	1x300W+1x75W or 2x150W	2	2x300W+2x75W, or 1x300W+2x150W+1x75W, or 4x150W	Adapter	Cores	Memory	Power	SLI	Connector***	NVS 310	48	1GB	19.5W		2xDP	NVS 315	48	1GB	19.5W	2x	DVI-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		
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Disk drive controller	RAID 0, 1, 5, 10 with onboard SATA controller in chipset, 6Gb/s SATA. 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	Three external 5.25" bays, four internal 3.5" dual drives bays (see right)																																																																																																																		
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Flex connector	Two flex connectors (see right), one per processor. Supports one of the following: <ul style="list-style-type: none"> Up to one LSI RAID flex adapter for SATA/SAS RAID. Up to two Multi-I/O adapters for four PCIe SSD (two PCIe SSD per adapter). Up to two M.2 flex adapters for four M.2 PCIe SSD (two M.2 PCIe SSD per adapter) 																																																																																																																		
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, autotransformer, 92% PSU, 80 PLUS Platinum qualified 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.																																																																																																																		

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	<p>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.</p> <p>Two rear USB 3.0 per USB add-on PCIe adapter, up to 3 adapters per system.</p> <p>One rear Thunderbolt via PCIe adapter.</p> <p>One front eSATA (on flex module), or one rear eSATA via cable (also needs one PCIe slot), up to one eSATA port per system.</p> <p>One internal USB 3.0 port via cable, cannot be intermixed with 29-in-1 reader</p>												
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"> 55-liter: 200mm/7.87" W x 620mm/24.4" D x 446mm/17.56" H (with feet) Tool-less parts: all except CPU fansink 71.3 lb (32.3kg) max configuration 												
Environmental specification	<table border="1"> <tbody> <tr><td>Temperature - operating</td><td>50 °F to 95 °F (10 °C to 35 °C)</td></tr> <tr><td>Temperature - non operating (no package)</td><td>14 °F to 140 °F (-10 °C to 60 °C)</td></tr> <tr><td>Temperature - non operating (with package)</td><td>-40 °F to 140 °F (-40 °C to 60 °C)</td></tr> <tr><td>Altitude - operating</td><td>(Unpressurized): 0-10000ft (0-3048m)</td></tr> <tr><td>Humidity - operating</td><td>10%-80%, non-condensing</td></tr> <tr><td>Humidity - storage (with package)</td><td>10%-90%, non-condensing</td></tr> </tbody> </table>	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
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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/

For a list of all supported options, please visit
https://download.lenovo.com/pccbbs/options_isocm_december_2016.xlsx sheet

Model		30B9000M--
Product		ThinkStation P910
Region		WE
Machine Type		30B9
TopSeller		TopSeller
Processor		1xXeon E5-2620 v3 6C/2.4GHz/15MB/85W/DDR4-1866
Graphics		Open
Memory (Capacity/Type)		1x8GB RDIMM DDR4-2400 ECC
RAID Controller		Onboard
Max Drives in 3.5" Bays		4
Storage (Capacity/Type/Interface)		1x1TB HDD 7.2K 3.5" SATA6Gbs
Optical		Open
Media Reader		9-in-1
Power Supply		1300W 92%
Add-on Ports		2xUSB3.0
Discrete Ethernet		None
Keyboard / Mouse		USB / USB Optical
Operating System		Windows 10 DG Windows 7 Pro 64
Warranty		3-year
Global		No
Ann Date (mm/yy)		04/16